

LAB CHRONICLE

OrderID:	Q3298	OrderDate:	10/6/2025 4:00:00 PM
Client:	Tetra Tech NUS, Inc.	Project:	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	Location:	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3298-01	BP-VPB-184-TB-2025 1003	Water			10/03/25			10/06/25
			VOC-TCLVOA-10	8260-Low			10/07/25	
Q3298-02	BP-VPB-184-EB-2025 1003	Water			10/03/25			10/06/25
			VOC-TCLVOA-10	8260-Low			10/08/25	
Q3298-03	VPB184-HYD-202510 03	Water			10/03/25			10/06/25
			VOC-TCLVOA-10	8260-Low			10/07/25	
Q3298-04	BP-VPB-184-GW-720- 722	Water			10/06/25			10/06/25
			VOC-TCLVOA-10	8260-Low			10/07/25	
Q3298-05	BP-VPB-184-GW-740- 742	Water			10/06/25			10/06/25
			VOC-TCLVOA-10	8260-Low			10/07/25	

Hit Summary Sheet
SW-846

SDG No.: Q3298
Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	BP-VPB-184-EB-20251003								
Q3298-02	BP-VPB-184-EB-20251003	Water	Acetone	6.30		1.50	3.80	5.00	ug/L
			Total Voc :	6.30					
			Total Concentration:	6.30					
Client ID:	VPB184-HYD-20251003								
Q3298-03	VPB184-HYD-20251003	Water	Dibromochloromethane	0.86	J	0.18	0.50	1.00	ug/L
Q3298-03	VPB184-HYD-20251003	Water	Bromoform	0.57	J	0.19	0.50	1.00	ug/L
			Total Voc :	1.43					
			Total Concentration:	1.43					
Client ID:	BP-VPB-184-GW-720-722								
Q3298-04	BP-VPB-184-GW-720-722	Water	Acetone	20.3		1.50	3.80	5.00	ug/L
Q3298-04	BP-VPB-184-GW-720-722	Water	2-Butanone	4.00	J	0.98	2.50	5.00	ug/L
			Total Voc :	24.3					
			Total Concentration:	24.3					
Client ID:	BP-VPB-184-GW-740-742								
Q3298-05	BP-VPB-184-GW-740-742	Water	Acetone	7.80		1.50	3.80	5.00	ug/L
			Total Voc :	7.80					
			Total Concentration:	7.80					



SAMPLE DATA

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	10/03/25
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	10/06/25
Client Sample ID:	BP-VPB-184-TB-20251003		SDG No.:	Q3298
Lab Sample ID:	Q3298-01		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
VX048047.D	1	10/07/25 13:02	VX100725

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:	10/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/06/25
Client Sample ID:	BP-VPB-184-TB-20251003	SDG No.:	Q3298
Lab Sample ID:	Q3298-01	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
VX048047.D	1	10/07/25 13:02	VX100725

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	48.7		80 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	47.8		89 - 112		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.9		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	119000	5.538				
540-36-3	1,4-Difluorobenzene	242000	6.751				
3114-55-4	Chlorobenzene-d5	249000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	121000	12.006				

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	10/03/25
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	10/06/25
Client Sample ID:	BP-VPB-184-TB-20251003		SDG No.:	Q3298
Lab Sample ID:	Q3298-01		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
VX048047.D	1	10/07/25 13:02	VX100725

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:	10/03/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	10/06/25	
Client Sample ID:	BP-VPB-184-EB-20251003		SDG No.:	Q3298	
Lab Sample ID:	Q3298-02		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
VX048066.D	1	10/08/25 11:40	VX100825

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	6.30		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:	10/03/25
Project:	NWIRP Bethpage 112G08005-WE13			Date Received:	10/06/25
Client Sample ID:	BP-VPB-184-EB-20251003			SDG No.:	Q3298
Lab Sample ID:	Q3298-02			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
VX048066.D	1	10/08/25 11:40	VX100825

[illegible]

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	10/03/25
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	10/06/25
Client Sample ID:	BP-VPB-184-EB-20251003		SDG No.:	Q3298
Lab Sample ID:	Q3298-02		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
VX048066.D	1	10/08/25 11:40	VX100825

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

U = Not Detected

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J = Estimated Value

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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	10/03/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	10/06/25	
Client Sample ID:	VPB184-HYD-20251003		SDG No.:	Q3298	
Lab Sample ID:	Q3298-03		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
VX048045.D	1	10/07/25 12:20	VX100725

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:	10/03/25
Project:	NWIRP Bethpage 112G08005-WE13			Date Received:	10/06/25
Client Sample ID:	VPB184-HYD-20251003			SDG No.:	Q3298
Lab Sample ID:	Q3298-03			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
VX048045.D	1	10/07/25 12:20	VX100725

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	0.86	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	0.50	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	0.57	J	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	49.9		81 - 118		100%	SPK: 50
1868-53-7	Dibromofluoromethane	48.2		80 - 119		96%	SPK: 50
2037-26-5	Toluene-d8	48.0		89 - 112		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.0		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	123000	5.544				
540-36-3	1,4-Difluorobenzene	250000	6.751				
3114-55-4	Chlorobenzene-d5	255000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	126000	12.006				

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	10/03/25
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	10/06/25
Client Sample ID:	VPB184-HYD-20251003		SDG No.:	Q3298
Lab Sample ID:	Q3298-03		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
VX048045.D	1	10/07/25 12:20	VX100725

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:	10/06/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	10/06/25	
Client Sample ID:	BP-VPB-184-GW-720-722		SDG No.:	Q3298	
Lab Sample ID:	Q3298-04		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
VX048048.D	1	10/07/25 13:23	VX100725

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	20.3		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	4.00	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	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:	10/06/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/06/25
Client Sample ID:	BP-VPB-184-GW-720-722	SDG No.:	Q3298
Lab Sample ID:	Q3298-04	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
VX048048.D	1	10/07/25 13:23	VX100725

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Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	10/06/25
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	10/06/25
Client Sample ID:	BP-VPB-184-GW-720-722		SDG No.:	Q3298
Lab Sample ID:	Q3298-04		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
VX048048.D	1	10/07/25 13:23	VX100725

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:	10/06/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	10/06/25	
Client Sample ID:	BP-VPB-184-GW-740-742		SDG No.:	Q3298	
Lab Sample ID:	Q3298-05		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
VX048049.D	1	10/07/25 13:45	VX100725

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	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:	10/06/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/06/25
Client Sample ID:	BP-VPB-184-GW-740-742	SDG No.:	Q3298
Lab Sample ID:	Q3298-05	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
VX048049.D	1	10/07/25 13:45	VX100725

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	54.6		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		80 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	48.6		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.1		85 - 114		112%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	139000	5.544				
540-36-3	1,4-Difluorobenzene	285000	6.751				
3114-55-4	Chlorobenzene-d5	296000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	152000	12.006				

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	10/06/25
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	10/06/25
Client Sample ID:	BP-VPB-184-GW-740-742		SDG No.:	Q3298
Lab Sample ID:	Q3298-05		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
VX048049.D	1	10/07/25 13:45	VX100725

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.: **Q3298**

Client: **Tetra Tech NUS, Inc.**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3298-01	BP-VPB-184-TB-20251003	1,2-Dichloroethane-d4	50	50.6	101		81	118
		Dibromofluoromethane	50	48.7	97		80	119
		Toluene-d8	50	47.8	96		89	112
		4-Bromofluorobenzene	50	53.9	108		85	114
Q3298-02	BP-VPB-184-EB-20251003	1,2-Dichloroethane-d4	50	54.7	109		81	118
		Dibromofluoromethane	50	48.4	97		80	119
		Toluene-d8	50	47.4	95		89	112
		4-Bromofluorobenzene	50	54.7	109		85	114
Q3298-03	VPB184-HYD-20251003	1,2-Dichloroethane-d4	50	49.9	100		81	118
		Dibromofluoromethane	50	48.2	96		80	119
		Toluene-d8	50	48.0	96		89	112
		4-Bromofluorobenzene	50	54.0	108		85	114
Q3298-04	BP-VPB-184-GW-720-722	1,2-Dichloroethane-d4	50	49.8	100		81	118
		Dibromofluoromethane	50	48.5	97		80	119
		Toluene-d8	50	47.5	95		89	112
		4-Bromofluorobenzene	50	54.3	109		85	114
Q3298-05	BP-VPB-184-GW-740-742	1,2-Dichloroethane-d4	50	54.6	109		81	118
		Dibromofluoromethane	50	50.0	100		80	119
		Toluene-d8	50	48.6	97		89	112
		4-Bromofluorobenzene	50	56.1	112		85	114
VX1007WBL01	VX1007WBL01	1,2-Dichloroethane-d4	50	57.3	115		81	118
		Dibromofluoromethane	50	51.5	103		80	119
		Toluene-d8	50	49.3	99		89	112
		4-Bromofluorobenzene	50	56.8	114		85	114
VX1007WBS01	VX1007WBS01	1,2-Dichloroethane-d4	50	54.3	109		81	118
		Dibromofluoromethane	50	55.8	112		80	119
		Toluene-d8	50	53.5	107		89	112
		4-Bromofluorobenzene	50	54.7	109		85	114
VX1007WBSD01	VX1007WBSD01	1,2-Dichloroethane-d4	50	53.0	106		81	118
		Dibromofluoromethane	50	54.9	110		80	119
		Toluene-d8	50	53.2	106		89	112
		4-Bromofluorobenzene	50	53.5	107		85	114
VX1008WBL01	VX1008WBL01	1,2-Dichloroethane-d4	50	50.5	101		81	118
		Dibromofluoromethane	50	49.3	99		80	119
		Toluene-d8	50	48.8	98		89	112
		4-Bromofluorobenzene	50	54.1	108		85	114
VX1008WBS01	VX1008WBS01	1,2-Dichloroethane-d4	50	52.5	105		81	118
		Dibromofluoromethane	50	54.0	108		80	119
		Toluene-d8	50	51.7	103		89	112
		4-Bromofluorobenzene	50	52.9	106		85	114

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:		Q3298	SW-846		Analytical Method:		SW8260-Low
Client:		Tetra Tech NUS, Inc.	Datafile :		VX048039.D		

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1007WBS01	Dichlorodifluoromethane	20	19.3	ug/L	97			32	152	
	Chloromethane	20	17.1	ug/L	86			50	139	
	Vinyl chloride	20	18.9	ug/L	95			58	137	
	Bromomethane	20	19.9	ug/L	100			53	141	
	Chloroethane	20	20.0	ug/L	100			60	138	
	Trichlorofluoromethane	20	20.2	ug/L	101			65	141	
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/L	102			70	136	
	1,1-Dichloroethene	20	19.7	ug/L	99			71	131	
	Acetone	100	100	ug/L	100			39	160	
	Carbon disulfide	20	16.9	ug/L	85			64	133	
	Methyl tert-butyl Ether	20	21.3	ug/L	106			71	124	
	Methyl Acetate	20	24.1	ug/L	121			56	136	
	Methylene Chloride	20	20.7	ug/L	104			74	124	
	trans-1,2-Dichloroethene	20	19.4	ug/L	97			75	124	
	1,1-Dichloroethane	20	21.3	ug/L	106			77	125	
	Cyclohexane	20	17.4	ug/L	87			71	130	
	2-Butanone	100	110	ug/L	110			56	143	
	Carbon Tetrachloride	20	20.7	ug/L	104			72	136	
	cis-1,2-Dichloroethene	20	21.5	ug/L	108			78	123	
	Bromochloromethane	20	22.7	ug/L	114			78	123	
	Chloroform	20	22.3	ug/L	112			79	124	
	1,1,1-Trichloroethane	20	21.2	ug/L	106			74	131	
	Methylcyclohexane	20	17.2	ug/L	86			72	132	
	Benzene	20	21.0	ug/L	105			79	120	
	1,2-Dichloroethane	20	21.9	ug/L	110			73	128	
	Trichloroethene	20	20.8	ug/L	104			79	123	
	1,2-Dichloropropane	20	21.9	ug/L	110			78	122	
	Bromodichloromethane	20	22.8	ug/L	114			79	125	
	4-Methyl-2-Pentanone	100	120	ug/L	120			67	130	
	Toluene	20	21.0	ug/L	105			80	121	
	t-1,3-Dichloropropene	20	20.9	ug/L	104			73	127	
	cis-1,3-Dichloropropene	20	21.5	ug/L	108			75	124	
	1,1,2-Trichloroethane	20	23.4	ug/L	117			80	119	
	2-Hexanone	100	110	ug/L	110			57	139	
	Dibromochloromethane	20	23.8	ug/L	119			74	126	
	1,2-Dibromoethane	20	22.7	ug/L	114			77	121	
	Tetrachloroethene	20	19.0	ug/L	95			74	129	
	Chlorobenzene	20	20.6	ug/L	103			82	118	
	Ethyl Benzene	20	19.6	ug/L	98			79	121	
	m/p-Xylenes	40	40.1	ug/L	100			80	121	
	o-Xylene	20	19.9	ug/L	100			78	122	
	Styrene	20	20.0	ug/L	100			78	123	
	Bromoform	20	22.9	ug/L	115			66	130	
	Isopropylbenzene	20	18.6	ug/L	93			72	131	
	1,1,2,2-Tetrachloroethane	20	21.4	ug/L	107			71	121	
	1,3-Dichlorobenzene	20	19.3	ug/L	97			80	119	
	1,4-Dichlorobenzene	20	19.6	ug/L	98			79	118	
	1,2-Dichlorobenzene	20	19.7	ug/L	99			80	119	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3298 Analytical Method: SW8260-Low
Client: Tetra Tech NUS, Inc. Datafile : VX048039.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VX1007WBS01	1,2-Dibromo-3-Chloropropane	20	18.8	ug/L	94			62	128	
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89			69	130	
	1,2,3-Trichlorobenzene	20	18.7	ug/L	94			69	129	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:		Q3298	SW-846		Analytical Method:		SW8260-Low
Client:		Tetra Tech NUS, Inc.	Datafile :		VX048040.D		

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1007WBSD01	Dichlorodifluoromethane	20	19.2	ug/L	96	1		32	152	20
	Chloromethane	20	16.7	ug/L	84	2		50	139	20
	Vinyl chloride	20	18.4	ug/L	92	3		58	137	20
	Bromomethane	20	19.7	ug/L	99	1		53	141	20
	Chloroethane	20	18.5	ug/L	93	7		60	138	20
	Trichlorofluoromethane	20	19.9	ug/L	100	1		65	141	20
	1,1,2-Trichlorotrifluoroethane	20	20.2	ug/L	101	1		70	136	20
	1,1-Dichloroethene	20	19.1	ug/L	96	3		71	131	20
	Acetone	100	88.7	ug/L	89	12		39	160	20
	Carbon disulfide	20	16.5	ug/L	83	2		64	133	20
	Methyl tert-butyl Ether	20	20.4	ug/L	102	4		71	124	20
	Methyl Acetate	20	23.7	ug/L	119	2		56	136	20
	Methylene Chloride	20	20.2	ug/L	101	3		74	124	20
	trans-1,2-Dichloroethene	20	19.3	ug/L	97	0		75	124	20
	1,1-Dichloroethane	20	20.3	ug/L	102	4		77	125	20
	Cyclohexane	20	18.1	ug/L	91	4		71	130	20
	2-Butanone	100	100	ug/L	100	10		56	143	20
	Carbon Tetrachloride	20	20.4	ug/L	102	2		72	136	20
	cis-1,2-Dichloroethene	20	19.8	ug/L	99	9		78	123	20
	Bromochloromethane	20	22.5	ug/L	113	1		78	123	20
	Chloroform	20	21.8	ug/L	109	3		79	124	20
	1,1,1-Trichloroethane	20	21.3	ug/L	106	0		74	131	20
	Methylcyclohexane	20	18.5	ug/L	93	8		72	132	20
	Benzene	20	20.3	ug/L	102	3		79	120	20
	1,2-Dichloroethane	20	21.1	ug/L	106	4		73	128	20
	Trichloroethene	20	20.0	ug/L	100	4		79	123	20
	1,2-Dichloropropane	20	21.7	ug/L	109	1		78	122	20
	Bromodichloromethane	20	22.1	ug/L	111	3		79	125	20
	4-Methyl-2-Pentanone	100	120	ug/L	120	0		67	130	20
	Toluene	20	20.7	ug/L	104	1		80	121	20
	t-1,3-Dichloropropene	20	20.6	ug/L	103	1		73	127	20
	cis-1,3-Dichloropropene	20	20.9	ug/L	104	4		75	124	20
	1,1,2-Trichloroethane	20	22.9	ug/L	115	2		80	119	20
	2-Hexanone	100	110	ug/L	110	0		57	139	20
	Dibromochloromethane	20	23.2	ug/L	116	3		74	126	20
	1,2-Dibromoethane	20	22.4	ug/L	112	2		77	121	20
	Tetrachloroethene	20	19.8	ug/L	99	4		74	129	20
	Chlorobenzene	20	20.5	ug/L	103	0		82	118	20
	Ethyl Benzene	20	19.6	ug/L	98	0		79	121	20
	m/p-Xylenes	40	40.5	ug/L	101	1		80	121	20
	o-Xylene	20	19.8	ug/L	99	1		78	122	20
	Styrene	20	20.4	ug/L	102	2		78	123	20
	Bromoform	20	22.4	ug/L	112	3		66	130	20
	Isopropylbenzene	20	19.2	ug/L	96	3		72	131	20
	1,1,2,2-Tetrachloroethane	20	21.4	ug/L	107	0		71	121	20
	1,3-Dichlorobenzene	20	19.6	ug/L	98	1		80	119	20
	1,4-Dichlorobenzene	20	20.0	ug/L	100	2		79	118	20
	1,2-Dichlorobenzene	20	20.4	ug/L	102	3		80	119	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3298</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Tetra Tech NUS, Inc.</u>	Datafile :	<u>VX048040.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1007WBSD01	1,2-Dibromo-3-Chloropropane	20	20.0	ug/L	100	6		62	128	20
	1,2,4-Trichlorobenzene	20	18.7	ug/L	94	5		69	130	20
	1,2,3-Trichlorobenzene	20	19.9	ug/L	100	6		69	129	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:		Q3298	SW-846		Analytical Method:		SW8260-Low
Client:		Tetra Tech NUS, Inc.	Datafile :		VX048063.D		

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1008WBS01	Dichlorodifluoromethane	20	15.8	ug/L	79			32	152	
	Chloromethane	20	14.6	ug/L	73			50	139	
	Vinyl chloride	20	16.2	ug/L	81			58	137	
	Bromomethane	20	16.1	ug/L	81			53	141	
	Chloroethane	20	17.1	ug/L	86			60	138	
	Trichlorofluoromethane	20	17.7	ug/L	89			65	141	
	1,1,2-Trichlorotrifluoroethane	20	18.1	ug/L	91			70	136	
	1,1-Dichloroethene	20	17.5	ug/L	88			71	131	
	Acetone	100	88.7	ug/L	89			39	160	
	Carbon disulfide	20	14.3	ug/L	72			64	133	
	Methyl tert-butyl Ether	20	19.2	ug/L	96			71	124	
	Methyl Acetate	20	22.8	ug/L	114			56	136	
	Methylene Chloride	20	18.4	ug/L	92			74	124	
	trans-1,2-Dichloroethene	20	17.1	ug/L	86			75	124	
	1,1-Dichloroethane	20	19.1	ug/L	96			77	125	
	Cyclohexane	20	15.8	ug/L	79			71	130	
	2-Butanone	100	99.9	ug/L	100			56	143	
	Carbon Tetrachloride	20	18.0	ug/L	90			72	136	
	cis-1,2-Dichloroethene	20	18.7	ug/L	94			78	123	
	Bromochloromethane	20	20.2	ug/L	101			78	123	
	Chloroform	20	20.1	ug/L	101			79	124	
	1,1,1-Trichloroethane	20	19.1	ug/L	96			74	131	
	Methylcyclohexane	20	15.0	ug/L	75			72	132	
	Benzene	20	18.3	ug/L	92			79	120	
	1,2-Dichloroethane	20	19.3	ug/L	97			73	128	
	Trichloroethene	20	18.1	ug/L	91			79	123	
	1,2-Dichloropropane	20	19.5	ug/L	98			78	122	
	Bromodichloromethane	20	19.8	ug/L	99			79	125	
	4-Methyl-2-Pentanone	100	110	ug/L	110			67	130	
	Toluene	20	18.4	ug/L	92			80	121	
	t-1,3-Dichloropropene	20	18.4	ug/L	92			73	127	
	cis-1,3-Dichloropropene	20	18.6	ug/L	93			75	124	
	1,1,2-Trichloroethane	20	20.8	ug/L	104			80	119	
	2-Hexanone	100	100	ug/L	100			57	139	
	Dibromochloromethane	20	20.7	ug/L	104			74	126	
	1,2-Dibromoethane	20	20.8	ug/L	104			77	121	
	Tetrachloroethene	20	16.3	ug/L	81			74	129	
	Chlorobenzene	20	18.4	ug/L	92			82	118	
	Ethyl Benzene	20	17.5	ug/L	88			79	121	
	m/p-Xylenes	40	35.5	ug/L	89			80	121	
	o-Xylene	20	17.8	ug/L	89			78	122	
	Styrene	20	18.3	ug/L	92			78	123	
	Bromoform	20	20.5	ug/L	103			66	130	
	Isopropylbenzene	20	17.0	ug/L	85			72	131	
	1,1,2,2-Tetrachloroethane	20	19.9	ug/L	100			71	121	
	1,3-Dichlorobenzene	20	17.9	ug/L	90			80	119	
	1,4-Dichlorobenzene	20	17.7	ug/L	89			79	118	
	1,2-Dichlorobenzene	20	18.0	ug/L	90			80	119	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3298</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Tetra Tech NUS, Inc.</u>	Datafile :	<u>VX048063.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VX1008WBS01	1,2-Dibromo-3-Chloropropane	20	18.5	ug/L	93			62	128	
	1,2,4-Trichlorobenzene	20	16.5	ug/L	83			69	130	
	1,2,3-Trichlorobenzene	20	17.1	ug/L	86			69	129	

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1007WBL01

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG NO.: Q3298

Lab File ID: VX048038.D

Lab Sample ID: VX1007WBL01

Date Analyzed: 10/07/2025

Time Analyzed: 09:34

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
VX1007WBS01	VX1007WBS01	VX048039.D	10/07/2025
VX1007WBSD01	VX1007WBSD01	VX048040.D	10/07/2025
VPB184-HYD-20251003	Q3298-03	VX048045.D	10/07/2025
BP-VPB-184-TB-20251003	Q3298-01	VX048047.D	10/07/2025
BP-VPB-184-GW-720-722	Q3298-04	VX048048.D	10/07/2025
BP-VPB-184-GW-740-742	Q3298-05	VX048049.D	10/07/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1008WBL01

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG NO.: Q3298

Lab File ID: VX048062.D

Lab Sample ID: VX1008WBL01

Date Analyzed: 10/08/2025

Time Analyzed: 10:04

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
VX1008WBS01	VX1008WBS01	VX048063.D	10/08/2025
BP-VPB-184-EB-20251003	Q3298-02	VX048066.D	10/08/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG NO.: Q3298

Lab File ID: VX047584.D

BFB Injection Date: 09/16/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:56

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	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.: Q3298

Lab File ID: VX048035.D

BFB Injection Date: 10/07/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:07

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	53.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	70.1
175	5.0 - 9.0% of mass 174	5.2 (7.4) 1
176	95.0 - 101.0% of mass 174	67.1 (95.6) 1
177	5.0 - 9.0% of mass 176	4.5 (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	VX048036.D	10/07/2025	08:44
VX1007WBL01	VX1007WBL01	VX048038.D	10/07/2025	09:34
VX1007WBS01	VX1007WBS01	VX048039.D	10/07/2025	10:06
VX1007WBSD01	VX1007WBSD01	VX048040.D	10/07/2025	10:34
VPB184-HYD-20251003	Q3298-03	VX048045.D	10/07/2025	12:20
BP-VPB-184-TB-20251003	Q3298-01	VX048047.D	10/07/2025	13:02
BP-VPB-184-GW-720-722	Q3298-04	VX048048.D	10/07/2025	13:23
BP-VPB-184-GW-740-742	Q3298-05	VX048049.D	10/07/2025	13:45
VSTDCCC050EC	VSTDCCC050	VX048050.D	10/07/2025	14:06

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VX048059.D
Instrument ID: MSVOA_X
GC Column: DB-624UI ID: 0.18 (mm)

Contract: TETR06
SDG NO.: Q3298
BFB Injection Date: 10/08/2025
BFB Injection Time: 08:44
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	52.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	69.6
175	5.0 - 9.0% of mass 174	5.3 (7.6) 1
176	95.0 - 101.0% of mass 174	67 (96.3) 1
177	5.0 - 9.0% of mass 176	4.1 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048060.D	10/08/2025	09:15
VX1008WBL01	VX1008WBL01	VX048062.D	10/08/2025	10:04
VX1008WBS01	VX1008WBS01	VX048063.D	10/08/2025	10:31
BP-VPB-184-EB-20251003	Q3298-02	VX048066.D	10/08/2025	11:40
VSTDCCC050EC	VSTDCCC050	VX048070.D	10/08/2025	15:19

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06
Lab Code: ACE SDG NO.: Q3298
Lab File ID: VX048036.D Date Analyzed: 10/07/2025
Instrument ID: MSVOA_X Time Analyzed: 08:44
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	144874	5.53	249421	6.74	221582	10.04
UPPER LIMIT	289748	6.025	498842	7.239	443164	10.537
LOWER LIMIT	72437	5.025	124711	6.239	110791	9.537
EPA SAMPLE NO.						
BP-VPB-184-TB-20251003	119485	5.54	242388	6.75	248619	10.04
VPB184-HYD-20251003	123263	5.54	249648	6.75	255281	10.04
BP-VPB-184-GW-720-722	122944	5.54	248523	6.75	257016	10.04
BP-VPB-184-GW-740-742	138944	5.54	284728	6.75	296067	10.04
VX1007WBL01	133238	5.54	276412	6.75	291549	10.04
VX1007WBS01	127551	5.53	226030	6.75	211007	10.04
VX1007WBSD01	129287	5.53	226163	6.75	207970	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:	<u>Alliance</u>	Contract:	<u>TETR06</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3298</u>
Lab File ID:	<u>VX048036.D</u>	Date Analyzed:	<u>10/07/2025</u>
Instrument ID:	<u>MSVOA_X</u>	Time Analyzed:	<u>08:44</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	111843	12.00€				
UPPER LIMIT	223686	12.50€				
LOWER LIMIT	55921.5	11.50€				
EPA SAMPLE NO.						
BP-VPB-184-TB-20251003	121141	12.01				
VPB184-HYD-20251003	126158	12.01				
BP-VPB-184-GW-720-722	125514	12.01				
BP-VPB-184-GW-740-742	152416	12.01				
VX1007WBL01	144709	12.01				
VX1007WBS01	108312	12.01				
VX1007WBSD01	105986	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.: Q3298
Lab File ID: VX048060.D Date Analyzed: 10/08/2025
Instrument ID: MSVOA_X Time Analyzed: 09:15
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	142766	5.54	249681	6.74	222440	10.04
UPPER LIMIT	285532	6.037	499362	7.238	444880	10.537
LOWER LIMIT	71383	5.037	124841	6.238	111220	9.537
EPA SAMPLE NO.						
BP-VPB-184-EB-20251003	125586	5.54	260870	6.75	270184	10.04
VX1008WBL01	121387	5.54	244961	6.75	249961	10.04
VX1008WBS01	138126	5.54	247938	6.75	228109	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:	<u>Alliance</u>	Contract:	<u>TETR06</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3298</u>
Lab File ID:	<u>VX048060.D</u>	Date Analyzed:	<u>10/08/2025</u>
Instrument ID:	<u>MSVOA_X</u>	Time Analyzed:	<u>09:15</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	110153	12.00€				
UPPER LIMIT	220306	12.50€				
LOWER LIMIT	55076.5	11.50€				
EPA SAMPLE NO.						
BP-VPB-184-EB-20251003	137239	12.01				
VX1008WBL01	121871	12.01				
VX1008WBS01	115582	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:	VX1007WBL01		SDG No.:	Q3298
Lab Sample ID:	VX1007WBL01		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
VX048038.D	1	10/07/25 09:34	VX100725

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:	VX1007WBL01		SDG No.:	Q3298
Lab Sample ID:	VX1007WBL01		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
VX048038.D	1	10/07/25 09:34	VX100725

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	57.3		81 - 118		115%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		80 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	49.3		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.8		85 - 114		114%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	133000	5.544				
540-36-3	1,4-Difluorobenzene	276000	6.751				
3114-55-4	Chlorobenzene-d5	292000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	145000	12.006				

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX1007WBL01		SDG No.:	Q3298
Lab Sample ID:	VX1007WBL01		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
VX048038.D	1	10/07/25 09:34	VX100725

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:	VX1008WBL01		SDG No.:	Q3298
Lab Sample ID:	VX1008WBL01		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
VX048062.D	1	10/08/25 10:04	VX100825

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:	VX1008WBL01		SDG No.:	Q3298
Lab Sample ID:	VX1008WBL01		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
VX048062.D	1	10/08/25 10:04	VX100825

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	50.5		81 - 118		101%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	48.8		89 - 112		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	121000	5.537				
540-36-3	1,4-Difluorobenzene	245000	6.745				
3114-55-4	Chlorobenzene-d5	250000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	122000	12.006				

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX1008WBL01		SDG No.:	Q3298
Lab Sample ID:	VX1008WBL01		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
VX048062.D	1	10/08/25 10:04	VX100825

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:	VX1007WBS01		SDG No.:	Q3298
Lab Sample ID:	VX1007WBS01		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
VX048039.D	1	10/07/25 10:06	VX100725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	19.3		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	17.1		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	19.9		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	20.0		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.2		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.7		0.23	0.75	1.00	ug/L
67-64-1	Acetone	100		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	16.9		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.3		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	24.1		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	19.4		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	21.3		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	110		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.7		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	21.5		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	22.7		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	22.3		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	17.2		0.16	0.50	1.00	ug/L
71-43-2	Benzene	21.0		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.9		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	20.8		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.9		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	22.8		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.68	2.50	5.00	ug/L
108-88-3	Toluene	21.0		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:	VX1007WBS01		SDG No.:	Q3298
Lab Sample ID:	VX1007WBS01		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
VX048039.D	1	10/07/25 10:06	VX100725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.9		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.5		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	23.4		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	23.8		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	22.7		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	19.0		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	20.6		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	19.6		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	40.1		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	19.9		0.12	0.50	1.00	ug/L
100-42-5	Styrene	20.0		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	22.9		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.4		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.3		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.6		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.7		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.8		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.7		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.3		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	55.8		80 - 119		112%	SPK: 50
2037-26-5	Toluene-d8	53.5		89 - 112		107%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.7		85 - 114		109%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	128000	5.531				
540-36-3	1,4-Difluorobenzene	226000	6.745				
3114-55-4	Chlorobenzene-d5	211000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	108000	12.006				

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX1007WBS01		SDG No.:	Q3298
Lab Sample ID:	VX1007WBS01		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
VX048039.D	1	10/07/25 10:06	VX100725

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:	VX1008WBS01		SDG No.:	Q3298
Lab Sample ID:	VX1008WBS01		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
VX048063.D	1	10/08/25 10:31	VX100825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	15.8		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	14.6		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	16.2		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	16.1		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	17.1		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.7		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.1		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.5		0.23	0.75	1.00	ug/L
67-64-1	Acetone	88.7		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	14.3		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.2		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	22.8		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	18.4		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.1		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.1		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	15.8		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	99.9		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.0		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.7		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	20.2		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	20.1		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.1		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	15.0		0.16	0.50	1.00	ug/L
71-43-2	Benzene	18.3		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.3		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	18.1		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.5		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	19.8		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	18.4		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:	VX1008WBS01		SDG No.:	Q3298
Lab Sample ID:	VX1008WBS01		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
VX048063.D	1	10/08/25 10:31	VX100825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.4		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.6		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.8		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	20.7		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.8		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	16.3		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	18.4		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	17.5		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	35.5		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	17.8		0.12	0.50	1.00	ug/L
100-42-5	Styrene	18.3		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	20.5		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	17.0		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.9		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.9		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.7		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.0		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	16.5		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	52.5		81 - 118		105%	SPK: 50
1868-53-7	Dibromofluoromethane	54.1		80 - 119		108%	SPK: 50
2037-26-5	Toluene-d8	51.7		89 - 112		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.9		85 - 114		106%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	138000	5.538				
540-36-3	1,4-Difluorobenzene	248000	6.745				
3114-55-4	Chlorobenzene-d5	228000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	116000	12.006				

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX1008WBS01		SDG No.:	Q3298
Lab Sample ID:	VX1008WBS01		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
VX048063.D	1	10/08/25 10:31	VX100825

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:	VX1007WBSD01		SDG No.:	Q3298
Lab Sample ID:	VX1007WBSD01		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
VX048040.D	1	10/07/25 10:34	VX100725

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	16.7		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	18.5		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.9		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.2		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.1		0.23	0.75	1.00	ug/L
67-64-1	Acetone	88.7		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	16.5		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.4		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	23.7		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	20.2		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.3		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.3		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	18.1		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.4		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.8		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	22.5		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	21.8		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	21.3		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	18.5		0.16	0.50	1.00	ug/L
71-43-2	Benzene	20.3		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.1		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	20.0		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.7		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	22.1		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.68	2.50	5.00	ug/L
108-88-3	Toluene	20.7		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:	VX1007WBSD01		SDG No.:	Q3298
Lab Sample ID:	VX1007WBSD01		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
VX048040.D	1	10/07/25 10:34	VX100725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.6		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.9		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.9		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	23.2		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	22.4		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	19.8		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	20.5		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	19.6		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	40.5		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	19.8		0.12	0.50	1.00	ug/L
100-42-5	Styrene	20.4		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	22.4		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	19.2		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.4		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.6		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.0		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.4		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.7		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.9		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.0		81 - 118		106%	SPK: 50
1868-53-7	Dibromofluoromethane	54.9		80 - 119		110%	SPK: 50
2037-26-5	Toluene-d8	53.2		89 - 112		106%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.5		85 - 114		107%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	129000	5.531				
540-36-3	1,4-Difluorobenzene	226000	6.745				
3114-55-4	Chlorobenzene-d5	208000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	106000	12.006				

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX1007WBSD01		SDG No.:	Q3298
Lab Sample ID:	VX1007WBSD01		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
VX048040.D	1	10/07/25 10:34	VX100725

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:	<u>Alliance</u>	Contract:	<u>TETR06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3298</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date(s):	<u>09/16/2025</u> <u>09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Calibration Time(s):	<u>09:23</u> <u>12:01</u>
GC Column:	<u>DB-624UI</u> ID: <u>0.18</u> (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: <u>Alliance</u>	Contract: <u>TETR06</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3298</u>
Instrument ID: <u>MSVOA_X</u>	Calibration Date(s): <u>09/16/2025</u> <u>09/16/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>09:23</u> <u>12:01</u>
GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (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>Q3298</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/07/2025 08:44</u>
Lab File ID:	<u>VX048036.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	0.546		5.41	20
Chloromethane	0.680	0.611	0.1	-10.15	20
Vinyl Chloride	0.666	0.663		-0.45	20
Bromomethane	0.422	0.428		1.42	20
Chloroethane	0.445	0.452		1.57	20
Trichlorofluoromethane	0.989	1.050		6.17	20
1,1,2-Trichlorotrifluoroethane	0.578	0.617		6.75	20
1,1-Dichloroethene	0.594	0.578		-2.69	20
Acetone	0.346	0.394		13.87	20
Carbon Disulfide	1.626	1.432		-11.93	20
Methyl tert-butyl Ether	2.169	2.312		6.59	20
Methyl Acetate	0.770	0.907		17.79	20
Methylene Chloride	0.732	0.752		2.73	20
trans-1,2-Dichloroethene	0.640	0.650		1.56	20
1,1-Dichloroethane	1.263	1.344	0.1	6.41	20
Cyclohexane	1.052	0.909		-13.59	20
2-Butanone	0.432	0.471		9.03	20
Carbon Tetrachloride	0.532	0.548		3.01	20
cis-1,2-Dichloroethene	0.783	0.803		2.55	20
Bromochloromethane	0.551	0.601		9.07	20
Chloroform	1.276	1.378		7.99	20
1,1,1-Trichloroethane	1.082	1.125		3.97	20
Methylcyclohexane	0.556	0.483		-13.13	20
Benzene	1.488	1.533		3.02	20
1,2-Dichloroethane	0.566	0.596		5.3	20
Trichloroethene	0.360	0.364		1.11	20
1,2-Dichloropropane	0.381	0.413		8.4	20
Bromodichloromethane	0.572	0.639		11.71	20
4-Methyl-2-Pentanone	0.477	0.523		9.64	20
Toluene	0.917	0.925		0.87	20
t-1,3-Dichloropropene	0.584	0.615		5.31	20
cis-1,3-Dichloropropene	0.624	0.663		6.25	20
1,1,2-Trichloroethane	0.354	0.392		10.73	20
2-Hexanone	0.343	0.370		7.87	20
Dibromochloromethane	0.407	0.464		14.01	20
1,2-Dibromoethane	0.360	0.395		9.72	20
Tetrachloroethene	0.326	0.310		-4.91	20
Chlorobenzene	1.136	1.171	0.3	3.08	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>Q3298</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/07/2025 08:44</u>
Lab File ID:	<u>VX048036.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
Ethyl Benzene	1.960	1.968		0.41	20
m/p-Xylenes	0.729	0.738		1.24	20
o-Xylene	0.706	0.724		2.55	20
Styrene	1.236	1.302		5.34	20
Bromoform	0.293	0.330	0.1	12.63	20
Isopropylbenzene	3.801	3.646		-4.08	20
1,1,2,2-Tetrachloroethane	1.150	1.212	0.3	5.39	20
1,3-Dichlorobenzene	1.739	1.678		-3.51	20
1,4-Dichlorobenzene	1.785	1.721		-3.59	20
1,2-Dichlorobenzene	1.657	1.647		-0.6	20
1,2-Dibromo-3-Chloropropane	0.233	0.229		-1.72	20
1,2,4-Trichlorobenzene	1.077	0.972		-9.75	20
1,2,3-Trichlorobenzene	1.002	0.943		-5.89	20
1,2-Dichloroethane-d4	0.796	0.824		3.52	20
Dibromofluoromethane	0.335	0.370		10.45	20
Toluene-d8	1.160	1.208		4.14	20
4-Bromofluorobenzene	0.440	0.455		3.41	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>Q3298</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/07/2025 14:06</u>
Lab File ID:	<u>VX048050.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	0.506		-2.32	50
Chloromethane	0.680	0.564	0.1	-17.06	50
Vinyl Chloride	0.666	0.627		-5.86	50
Bromomethane	0.422	0.375		-11.14	50
Chloroethane	0.445	0.429		-3.6	50
Trichlorofluoromethane	0.989	1.019		3.03	50
1,1,2-Trichlorotrifluoroethane	0.578	0.631		9.17	50
1,1-Dichloroethene	0.594	0.586		-1.35	50
Acetone	0.346	0.328		-5.2	50
Carbon Disulfide	1.626	1.365		-16.05	50
Methyl tert-butyl Ether	2.169	2.270		4.66	50
Methyl Acetate	0.770	0.955		24.03	50
Methylene Chloride	0.732	0.742		1.37	50
trans-1,2-Dichloroethene	0.640	0.629		-1.72	50
1,1-Dichloroethane	1.263	1.317	0.1	4.28	50
Cyclohexane	1.052	0.932		-11.41	50
2-Butanone	0.432	0.490		13.43	50
Carbon Tetrachloride	0.532	0.545		2.44	50
cis-1,2-Dichloroethene	0.783	0.804		2.68	50
Bromochloromethane	0.551	0.569		3.27	50
Chloroform	1.276	1.358		6.43	50
1,1,1-Trichloroethane	1.082	1.127		4.16	50
Methylcyclohexane	0.556	0.519		-6.66	50
Benzene	1.488	1.520		2.15	50
1,2-Dichloroethane	0.566	0.588		3.89	50
Trichloroethene	0.360	0.366		1.67	50
1,2-Dichloropropane	0.381	0.406		6.56	50
Bromodichloromethane	0.572	0.630		10.14	50
4-Methyl-2-Pentanone	0.477	0.578		21.17	50
Toluene	0.917	0.935		1.96	50
t-1,3-Dichloropropene	0.584	0.598		2.4	50
cis-1,3-Dichloropropene	0.624	0.651		4.33	50
1,1,2-Trichloroethane	0.354	0.398		12.43	50
2-Hexanone	0.343	0.406		18.37	50
Dibromochloromethane	0.407	0.462		13.51	50
1,2-Dibromoethane	0.360	0.399		10.83	50
Tetrachloroethene	0.326	0.319		-2.15	50
Chlorobenzene	1.136	1.184	0.3	4.22	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>Q3298</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/07/2025 14:06</u>
Lab File ID:	<u>VX048050.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
Ethyl Benzene	1.960	2.018		2.96	50
m/p-Xylenes	0.729	0.757		3.84	50
o-Xylene	0.706	0.742		5.1	50
Styrene	1.236	1.315		6.39	50
Bromoform	0.293	0.344	0.1	17.41	50
Isopropylbenzene	3.801	3.770		-0.82	50
1,1,2,2-Tetrachloroethane	1.150	1.303	0.3	13.3	50
1,3-Dichlorobenzene	1.739	1.731		-0.46	50
1,4-Dichlorobenzene	1.785	1.762		-1.29	50
1,2-Dichlorobenzene	1.657	1.675		1.09	50
1,2-Dibromo-3-Chloropropane	0.233	0.252		8.15	50
1,2,4-Trichlorobenzene	1.077	1.040		-3.43	50
1,2,3-Trichlorobenzene	1.002	1.030		2.79	50
1,2-Dichloroethane-d4	0.796	0.805		1.13	50
Dibromofluoromethane	0.335	0.357		6.57	50
Toluene-d8	1.160	1.184		2.07	50
4-Bromofluorobenzene	0.440	0.453		2.95	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>Q3298</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/08/2025 09:15</u>
Lab File ID:	<u>VX048060.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	0.494		-4.63	20
Chloromethane	0.680	0.576	0.1	-15.29	20
Vinyl Chloride	0.666	0.609		-8.56	20
Bromomethane	0.422	0.370		-12.32	20
Chloroethane	0.445	0.429		-3.6	20
Trichlorofluoromethane	0.989	0.977		-1.21	20
1,1,2-Trichlorotrifluoroethane	0.578	0.583		0.87	20
1,1-Dichloroethene	0.594	0.561		-5.56	20
Acetone	0.346	0.398		15.03	20
Carbon Disulfide	1.626	1.366		-15.99	20
Methyl tert-butyl Ether	2.169	2.276		4.93	20
Methyl Acetate	0.770	0.935		21.43	20
Methylene Chloride	0.732	0.736		0.55	20
trans-1,2-Dichloroethene	0.640	0.605		-5.47	20
1,1-Dichloroethane	1.263	1.291	0.1	2.22	20
Cyclohexane	1.052	0.870		-17.3	20
2-Butanone	0.432	0.496		14.81	20
Carbon Tetrachloride	0.532	0.522		-1.88	20
cis-1,2-Dichloroethene	0.783	0.782		-0.13	20
Bromochloromethane	0.551	0.586		6.35	20
Chloroform	1.276	1.334		4.55	20
1,1,1-Trichloroethane	1.082	1.099		1.57	20
Methylcyclohexane	0.556	0.471		-15.29	20
Benzene	1.488	1.451		-2.49	20
1,2-Dichloroethane	0.566	0.575		1.59	20
Trichloroethene	0.360	0.349		-3.06	20
1,2-Dichloropropane	0.381	0.394		3.41	20
Bromodichloromethane	0.572	0.615		7.52	20
4-Methyl-2-Pentanone	0.477	0.538		12.79	20
Toluene	0.917	0.881		-3.93	20
t-1,3-Dichloropropene	0.584	0.600		2.74	20
cis-1,3-Dichloropropene	0.624	0.630		0.96	20
1,1,2-Trichloroethane	0.354	0.379		7.06	20
2-Hexanone	0.343	0.386		12.54	20
Dibromochloromethane	0.407	0.448		10.07	20
1,2-Dibromoethane	0.360	0.382		6.11	20
Tetrachloroethene	0.326	0.294		-9.82	20
Chlorobenzene	1.136	1.127	0.3	-0.79	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>Q3298</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/08/2025 09:15</u>
Lab File ID:	<u>VX048060.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
Ethyl Benzene	1.960	1.894		-3.37	20
m/p-Xylenes	0.729	0.711		-2.47	20
o-Xylene	0.706	0.687		-2.69	20
Styrene	1.236	1.236		0	20
Bromoform	0.293	0.329	0.1	12.29	20
Isopropylbenzene	3.801	3.580		-5.81	20
1,1,2,2-Tetrachloroethane	1.150	1.236	0.3	7.48	20
1,3-Dichlorobenzene	1.739	1.660		-4.54	20
1,4-Dichlorobenzene	1.785	1.684		-5.66	20
1,2-Dichlorobenzene	1.657	1.629		-1.69	20
1,2-Dibromo-3-Chloropropane	0.233	0.249		6.87	20
1,2,4-Trichlorobenzene	1.077	1.014		-5.85	20
1,2,3-Trichlorobenzene	1.002	0.968		-3.39	20
1,2-Dichloroethane-d4	0.796	0.807		1.38	20
Dibromofluoromethane	0.335	0.359		7.16	20
Toluene-d8	1.160	1.166		0.52	20
4-Bromofluorobenzene	0.440	0.450		2.27	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>Q3298</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/08/2025 15:19</u>
Lab File ID:	<u>VX048070.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	0.398		-23.17	50
Chloromethane	0.680	0.636	0.1	-6.47	50
Vinyl Chloride	0.666	0.610		-8.41	50
Bromomethane	0.422	0.384		-9.01	50
Chloroethane	0.445	0.467		4.94	50
Trichlorofluoromethane	0.989	0.855		-13.55	50
1,1,2-Trichlorotrifluoroethane	0.578	0.508		-12.11	50
1,1-Dichloroethene	0.594	0.552		-7.07	50
Acetone	0.346	0.358		3.47	50
Carbon Disulfide	1.626	1.323		-18.64	50
Methyl tert-butyl Ether	2.169	2.733		26	50
Methyl Acetate	0.770	1.111		44.29	50
Methylene Chloride	0.732	0.866		18.31	50
trans-1,2-Dichloroethene	0.640	0.641		0.16	50
1,1-Dichloroethane	1.263	1.453	0.1	15.04	50
Cyclohexane	1.052	0.742		-29.47	50
2-Butanone	0.432	0.532		23.15	50
Carbon Tetrachloride	0.532	0.452		-15.04	50
cis-1,2-Dichloroethene	0.783	0.880		12.39	50
Bromochloromethane	0.551	0.708		28.49	50
Chloroform	1.276	1.538		20.53	50
1,1,1-Trichloroethane	1.082	1.097		1.39	50
Methylcyclohexane	0.556	0.369		-33.63	50
Benzene	1.488	1.471		-1.14	50
1,2-Dichloroethane	0.566	0.649		14.66	50
Trichloroethene	0.360	0.318		-11.67	50
1,2-Dichloropropane	0.381	0.422		10.76	50
Bromodichloromethane	0.572	0.657		14.86	50
4-Methyl-2-Pentanone	0.477	0.580		21.59	50
Toluene	0.917	0.845		-7.85	50
t-1,3-Dichloropropene	0.584	0.605		3.6	50
cis-1,3-Dichloropropene	0.624	0.644		3.2	50
1,1,2-Trichloroethane	0.354	0.416		17.51	50
2-Hexanone	0.343	0.400		16.62	50
Dibromochloromethane	0.407	0.487		19.66	50
1,2-Dibromoethane	0.360	0.420		16.67	50
Tetrachloroethene	0.326	0.280		-14.11	50
Chlorobenzene	1.136	1.091	0.3	-3.96	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>Q3298</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/08/2025 15:19</u>
Lab File ID:	<u>VX048070.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
Ethyl Benzene	1.960	1.708		-12.86	50
m/p-Xylenes	0.729	0.643		-11.8	50
o-Xylene	0.706	0.644		-8.78	50
Styrene	1.236	1.167		-5.58	50
Bromoform	0.293	0.359	0.1	22.53	50
Isopropylbenzene	3.801	3.261		-14.21	50
1,1,2,2-Tetrachloroethane	1.150	1.401	0.3	21.83	50
1,3-Dichlorobenzene	1.739	1.566		-9.95	50
1,4-Dichlorobenzene	1.785	1.579		-11.54	50
1,2-Dichlorobenzene	1.657	1.599		-3.5	50
1,2-Dibromo-3-Chloropropane	0.233	0.269		15.45	50
1,2,4-Trichlorobenzene	1.077	0.936		-13.09	50
1,2,3-Trichlorobenzene	1.002	0.918		-8.38	50
1,2-Dichloroethane-d4	0.796	1.008		26.63	50
Dibromofluoromethane	0.335	0.397		18.51	50
Toluene-d8	1.160	1.129		-2.67	50
4-Bromofluorobenzene	0.440	0.440		0	50

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