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

LAB CHRONICLE

OrderID:	Q3324	**OrderDate:**	10/10/2025 10:16:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	**Location:**	D41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3324-02	**BP-VPB-184-TB-20251006**	**Water**			**10/06/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/10/25	
Q3324-03	**BP-VPB-184-EB-20251009**	**Water**			**10/09/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/13/25	
Q3324-04	**BP-VPB-184-GW-760-762**	**Water**			**10/06/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/10/25	
Q3324-05	**BP-VPB-184-GW-780-782**	**Water**			**10/07/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/13/25	
Q3324-06	**BP-VPB-184-GW-840-842**	**Water**			**10/09/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/10/25	
Q3324-07	**BP-VPB-184-GW-860-862**	**Water**			**10/09/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/10/25	
Q3324-08	**BP-VPB-184-DUP-20251009**	**Water**			**10/09/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/13/25	
Q3324-09	**BP-VPB-184-GW-820-822**	**Water**			**10/08/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3324

Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**BP-VPB-184-EB-20251009**								
Q3324-03	BP-VPB-184-EB-20	Water	Acetone	5.10		1.50	3.80	5.00	ug/L
			Total Voc :	5.10					
			Total Concentration:	5.10					
Client ID:	**BP-VPB-184-GW-760-762**								
Q3324-04	BP-VPB-184-GW-7	Water	Acetone	5.60		1.50	3.80	5.00	ug/L
Q3324-04	BP-VPB-184-GW-7	Water	Trichloroethene	0.37	J	0.090	0.75	1.00	ug/L
			Total Voc :	5.97					
			Total Concentration:	5.97					
Client ID:	**BP-VPB-184-GW-780-782**								
Q3324-05	BP-VPB-184-GW-7	Water	Acetone	3.80	J	1.50	3.80	5.00	ug/L
			Total Voc :	3.80					
			Total Concentration:	3.80					
Client ID:	**BP-VPB-184-GW-840-842**								
Q3324-06	BP-VPB-184-GW-8	Water	Acetone	5.90		1.50	3.80	5.00	ug/L
			Total Voc :	5.90					
			Total Concentration:	5.90					
Client ID:	**BP-VPB-184-GW-860-862**								
Q3324-07	BP-VPB-184-GW-8	Water	Acetone	4.90	J	1.50	3.80	5.00	ug/L
Q3324-07	BP-VPB-184-GW-8	Water	Carbon Disulfide	0.41	J	0.21	0.75	1.00	ug/L
			Total Voc :	5.31					
			Total Concentration:	5.31					
Client ID:	**BP-VPB-184-DUP-20251009**								
Q3324-08	BP-VPB-184-DUP-	Water	Acetone	5.20		1.50	3.80	5.00	ug/L
			Total Voc :	5.20					
			Total Concentration:	5.20					
Client ID:	**BP-VPB-184-GW-820-822**								
Q3324-09	BP-VPB-184-GW-8	Water	Chloromethane	0.35	J	0.32	0.50	1.00	ug/L
Q3324-09	BP-VPB-184-GW-8	Water	Acetone	11.9		1.50	3.80	5.00	ug/L
			Total Voc :	12.3					
			Total Concentration:	12.3					

SAMPLE DATA

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/06/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-TB-20251006	SDG No.:	Q3324
Lab Sample ID:	Q3324-02	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 12:50	VX101025
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/10/25 12:50	VX101025
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/10/25 12:50	VX101025
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/10/25 12:50	VX101025
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/10/25 12:50	VX101025
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/10/25 12:50	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 12:50	VX101025
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/10/25 12:50	VX101025
67-64-1	Acetone	3.80	U	1	1.50	3.80	5.00	ug/L	10/10/25 12:50	VX101025
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/10/25 12:50	VX101025
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 12:50	VX101025
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/10/25 12:50	VX101025
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/10/25 12:50	VX101025
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 12:50	VX101025
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 12:50	VX101025
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/10/25 12:50	VX101025
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/10/25 12:50	VX101025
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 12:50	VX101025
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/10/25 12:50	VX101025
74-97-5	Bromochloromethane	0.50	UQ	1	0.22	0.50	1.00	ug/L	10/10/25 12:50	VX101025
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 12:50	VX101025
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 12:50	VX101025
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 12:50	VX101025
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 12:50	VX101025
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 12:50	VX101025
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/10/25 12:50	VX101025
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 12:50	VX101025
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 12:50	VX101025
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/10/25 12:50	VX101025
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/10/25 12:50	VX101025
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/10/25 12:50	VX101025
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 12:50	VX101025
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/10/25 12:50	VX101025
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/10/25 12:50	VX101025
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/10/25 12:50	VX101025
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 12:50	VX101025
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 12:50	VX101025
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 12:50	VX101025
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/10/25 12:50	VX101025
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/10/25 12:50	VX101025
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 12:50	VX101025
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 12:50	VX101025
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 12:50	VX101025

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/06/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-TB-20251006	SDG No.:	Q3324
Lab Sample ID:	Q3324-02	Matrix:	Water
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 12:50	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/10/25 12:50	VX101025
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 12:50	VX101025
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 12:50	VX101025
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 12:50	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/10/25 12:50	VX101025
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 12:50	VX101025
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/10/25 12:50	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	49.3			81 - 118		99%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.9			80 - 119		94%	SPK: 50		
2037-26-5	Toluene-d8	46.8			89 - 112		94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.6			85 - 114		107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	114000								
540-36-3	1,4-Difluorobenzene	233000								
3114-55-4	Chlorobenzene-d5	242000								
3855-82-1	1,4-Dichlorobenzene-d4	122000								
TENTATIVE IDENTIFIED COMPOUNDS										
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

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-EB-20251009	SDG No.:	Q3324
Lab Sample ID:	Q3324-03	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:03	VX101325
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/13/25 11:03	VX101325
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/13/25 11:03	VX101325
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/13/25 11:03	VX101325
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/13/25 11:03	VX101325
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/13/25 11:03	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 11:03	VX101325
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/13/25 11:03	VX101325
67-64-1	Acetone	5.10		1	1.50	3.80	5.00	ug/L	10/13/25 11:03	VX101325
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/13/25 11:03	VX101325
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:03	VX101325
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/13/25 11:03	VX101325
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/13/25 11:03	VX101325
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 11:03	VX101325
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 11:03	VX101325
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/13/25 11:03	VX101325
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/13/25 11:03	VX101325
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 11:03	VX101325
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/13/25 11:03	VX101325
74-97-5	Bromochloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:03	VX101325
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 11:03	VX101325
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 11:03	VX101325
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:03	VX101325
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 11:03	VX101325
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:03	VX101325
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/13/25 11:03	VX101325
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 11:03	VX101325
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:03	VX101325
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/13/25 11:03	VX101325
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/13/25 11:03	VX101325
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/13/25 11:03	VX101325
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:03	VX101325
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/13/25 11:03	VX101325
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/13/25 11:03	VX101325
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/13/25 11:03	VX101325
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 11:03	VX101325
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 11:03	VX101325
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 11:03	VX101325
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/13/25 11:03	VX101325
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/13/25 11:03	VX101325
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 11:03	VX101325
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 11:03	VX101325
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 11:03	VX101325

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-EB-20251009	SDG No.:	Q3324
Lab Sample ID:	Q3324-03	Matrix:	Water
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 11:03	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/13/25 11:03	VX101325
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:03	VX101325
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 11:03	VX101325
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:03	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/13/25 11:03	VX101325
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 11:03	VX101325
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/13/25 11:03	VX101325
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	50.4			81 - 118		101%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.3			80 - 119		97%	SPK: 50		
2037-26-5	Toluene-d8	48.0			89 - 112		96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.8			85 - 114		110%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	150000								
540-36-3	1,4-Difluorobenzene	307000								
3114-55-4	Chlorobenzene-d5	314000								
3855-82-1	1,4-Dichlorobenzene-d4	159000								
TENTATIVE IDENTIFIED COMPOUNDS										
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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/06/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-760-762	SDG No.:	Q3324
Lab Sample ID:	Q3324-04	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 13:31	VX101025
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/10/25 13:31	VX101025
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/10/25 13:31	VX101025
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/10/25 13:31	VX101025
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/10/25 13:31	VX101025
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/10/25 13:31	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 13:31	VX101025
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/10/25 13:31	VX101025
67-64-1	Acetone	5.60		1	1.50	3.80	5.00	ug/L	10/10/25 13:31	VX101025
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/10/25 13:31	VX101025
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 13:31	VX101025
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/10/25 13:31	VX101025
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/10/25 13:31	VX101025
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 13:31	VX101025
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 13:31	VX101025
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/10/25 13:31	VX101025
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/10/25 13:31	VX101025
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 13:31	VX101025
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/10/25 13:31	VX101025
74-97-5	Bromochloromethane	0.50	UQ	1	0.22	0.50	1.00	ug/L	10/10/25 13:31	VX101025
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 13:31	VX101025
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 13:31	VX101025
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 13:31	VX101025
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 13:31	VX101025
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 13:31	VX101025
79-01-6	Trichloroethene	0.37	J	1	0.090	0.75	1.00	ug/L	10/10/25 13:31	VX101025
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 13:31	VX101025
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 13:31	VX101025
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/10/25 13:31	VX101025
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/10/25 13:31	VX101025
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/10/25 13:31	VX101025
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 13:31	VX101025
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/10/25 13:31	VX101025
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/10/25 13:31	VX101025
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/10/25 13:31	VX101025
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 13:31	VX101025
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 13:31	VX101025
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 13:31	VX101025
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/10/25 13:31	VX101025
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/10/25 13:31	VX101025
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 13:31	VX101025
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 13:31	VX101025
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 13:31	VX101025

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/06/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-760-762	SDG No.:	Q3324
Lab Sample ID:	Q3324-04	Matrix:	Water
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 13:31	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/10/25 13:31	VX101025
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 13:31	VX101025
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 13:31	VX101025
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 13:31	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/10/25 13:31	VX101025
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 13:31	VX101025
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/10/25 13:31	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	52.7			81 - 118		105%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.0			80 - 119		98%	SPK: 50		
2037-26-5	Toluene-d8	48.8			89 - 112		98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.3			85 - 114		111%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	118000								
540-36-3	1,4-Difluorobenzene	242000								
3114-55-4	Chlorobenzene-d5	251000								
3855-82-1	1,4-Dichlorobenzene-d4	127000								
TENTATIVE IDENTIFIED COMPOUNDS										
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

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/07/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-780-782	SDG No.:	Q3324
Lab Sample ID:	Q3324-05	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:44	VX101325
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/13/25 11:44	VX101325
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/13/25 11:44	VX101325
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/13/25 11:44	VX101325
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/13/25 11:44	VX101325
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/13/25 11:44	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 11:44	VX101325
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/13/25 11:44	VX101325
67-64-1	Acetone	3.80	J	1	1.50	3.80	5.00	ug/L	10/13/25 11:44	VX101325
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/13/25 11:44	VX101325
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:44	VX101325
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/13/25 11:44	VX101325
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/13/25 11:44	VX101325
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 11:44	VX101325
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 11:44	VX101325
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/13/25 11:44	VX101325
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/13/25 11:44	VX101325
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 11:44	VX101325
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/13/25 11:44	VX101325
74-97-5	Bromochloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:44	VX101325
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 11:44	VX101325
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 11:44	VX101325
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:44	VX101325
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 11:44	VX101325
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:44	VX101325
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/13/25 11:44	VX101325
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 11:44	VX101325
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:44	VX101325
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/13/25 11:44	VX101325
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/13/25 11:44	VX101325
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/13/25 11:44	VX101325
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:44	VX101325
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/13/25 11:44	VX101325
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/13/25 11:44	VX101325
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/13/25 11:44	VX101325
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 11:44	VX101325
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 11:44	VX101325
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 11:44	VX101325
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/13/25 11:44	VX101325
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/13/25 11:44	VX101325
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 11:44	VX101325
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 11:44	VX101325
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 11:44	VX101325

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

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/07/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-780-782	SDG No.:	Q3324
Lab Sample ID:	Q3324-05	Matrix:	Water
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 11:44	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/13/25 11:44	VX101325
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:44	VX101325
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 11:44	VX101325
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:44	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/13/25 11:44	VX101325
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 11:44	VX101325
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/13/25 11:44	VX101325
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	50.4			81 - 118		101%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.9			80 - 119		98%	SPK: 50		
2037-26-5	Toluene-d8	48.8			89 - 112		98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.2			85 - 114		112%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	145000								
540-36-3	1,4-Difluorobenzene	293000								
3114-55-4	Chlorobenzene-d5	303000								
3855-82-1	1,4-Dichlorobenzene-d4	153000								
TENTATIVE IDENTIFIED COMPOUNDS										
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

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-840-842	SDG No.:	Q3324
Lab Sample ID:	Q3324-06	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 14:12	VX101025
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/10/25 14:12	VX101025
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/10/25 14:12	VX101025
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/10/25 14:12	VX101025
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/10/25 14:12	VX101025
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/10/25 14:12	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 14:12	VX101025
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/10/25 14:12	VX101025
67-64-1	Acetone	5.90		1	1.50	3.80	5.00	ug/L	10/10/25 14:12	VX101025
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/10/25 14:12	VX101025
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:12	VX101025
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/10/25 14:12	VX101025
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/10/25 14:12	VX101025
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 14:12	VX101025
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 14:12	VX101025
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/10/25 14:12	VX101025
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/10/25 14:12	VX101025
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 14:12	VX101025
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/10/25 14:12	VX101025
74-97-5	Bromochloromethane	0.50	UQ	1	0.22	0.50	1.00	ug/L	10/10/25 14:12	VX101025
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 14:12	VX101025
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 14:12	VX101025
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:12	VX101025
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 14:12	VX101025
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 14:12	VX101025
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/10/25 14:12	VX101025
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 14:12	VX101025
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 14:12	VX101025
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/10/25 14:12	VX101025
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/10/25 14:12	VX101025
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/10/25 14:12	VX101025
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:12	VX101025
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/10/25 14:12	VX101025
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/10/25 14:12	VX101025
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/10/25 14:12	VX101025
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 14:12	VX101025
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 14:12	VX101025
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 14:12	VX101025
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/10/25 14:12	VX101025
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/10/25 14:12	VX101025
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 14:12	VX101025
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 14:12	VX101025
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 14:12	VX101025

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

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-840-842	SDG No.:	Q3324
Lab Sample ID:	Q3324-06	Matrix:	Water
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 14:12	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/10/25 14:12	VX101025
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:12	VX101025
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 14:12	VX101025
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:12	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/10/25 14:12	VX101025
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 14:12	VX101025
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/10/25 14:12	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	53.3			81 - 118		107%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.2			80 - 119		100%	SPK: 50		
2037-26-5	Toluene-d8	48.4			89 - 112		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.4			85 - 114		113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	121000								
540-36-3	1,4-Difluorobenzene	249000								
3114-55-4	Chlorobenzene-d5	262000								
3855-82-1	1,4-Dichlorobenzene-d4	137000								
TENTATIVE IDENTIFIED COMPOUNDS										
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

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-860-862	SDG No.:	Q3324
Lab Sample ID:	Q3324-07	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 15:13	VX101025
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/10/25 15:13	VX101025
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/10/25 15:13	VX101025
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/10/25 15:13	VX101025
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/10/25 15:13	VX101025
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/10/25 15:13	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 15:13	VX101025
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/10/25 15:13	VX101025
67-64-1	Acetone	4.90	J	1	1.50	3.80	5.00	ug/L	10/10/25 15:13	VX101025
75-15-0	Carbon Disulfide	0.41	J	1	0.21	0.75	1.00	ug/L	10/10/25 15:13	VX101025
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 15:13	VX101025
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/10/25 15:13	VX101025
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/10/25 15:13	VX101025
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 15:13	VX101025
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 15:13	VX101025
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/10/25 15:13	VX101025
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/10/25 15:13	VX101025
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 15:13	VX101025
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/10/25 15:13	VX101025
74-97-5	Bromochloromethane	0.50	UQ	1	0.22	0.50	1.00	ug/L	10/10/25 15:13	VX101025
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 15:13	VX101025
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 15:13	VX101025
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 15:13	VX101025
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 15:13	VX101025
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 15:13	VX101025
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/10/25 15:13	VX101025
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 15:13	VX101025
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 15:13	VX101025
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/10/25 15:13	VX101025
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/10/25 15:13	VX101025
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/10/25 15:13	VX101025
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 15:13	VX101025
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/10/25 15:13	VX101025
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/10/25 15:13	VX101025
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/10/25 15:13	VX101025
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 15:13	VX101025
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 15:13	VX101025
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 15:13	VX101025
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/10/25 15:13	VX101025
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/10/25 15:13	VX101025
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 15:13	VX101025
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 15:13	VX101025
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 15:13	VX101025

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-860-862	SDG No.:	Q3324
Lab Sample ID:	Q3324-07	Matrix:	Water
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 15:13	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/10/25 15:13	VX101025
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 15:13	VX101025
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 15:13	VX101025
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 15:13	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/10/25 15:13	VX101025
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 15:13	VX101025
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/10/25 15:13	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	54.1			81 - 118		108%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.6			80 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	48.7			89 - 112		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.9			85 - 114		112%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	119000								
540-36-3	1,4-Difluorobenzene	249000								
3114-55-4	Chlorobenzene-d5	262000								
3855-82-1	1,4-Dichlorobenzene-d4	131000								
TENTATIVE IDENTIFIED COMPOUNDS										
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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-DUP-2025100	SDG No.:	Q3324
Lab Sample ID:	Q3324-08	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 12:05	VX101325
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/13/25 12:05	VX101325
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/13/25 12:05	VX101325
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/13/25 12:05	VX101325
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/13/25 12:05	VX101325
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/13/25 12:05	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 12:05	VX101325
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/13/25 12:05	VX101325
67-64-1	Acetone	5.20		1	1.50	3.80	5.00	ug/L	10/13/25 12:05	VX101325
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/13/25 12:05	VX101325
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 12:05	VX101325
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/13/25 12:05	VX101325
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/13/25 12:05	VX101325
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 12:05	VX101325
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 12:05	VX101325
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/13/25 12:05	VX101325
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/13/25 12:05	VX101325
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 12:05	VX101325
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/13/25 12:05	VX101325
74-97-5	Bromochloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 12:05	VX101325
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 12:05	VX101325
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 12:05	VX101325
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 12:05	VX101325
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 12:05	VX101325
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 12:05	VX101325
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/13/25 12:05	VX101325
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 12:05	VX101325
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 12:05	VX101325
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/13/25 12:05	VX101325
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/13/25 12:05	VX101325
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/13/25 12:05	VX101325
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 12:05	VX101325
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/13/25 12:05	VX101325
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/13/25 12:05	VX101325
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/13/25 12:05	VX101325
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 12:05	VX101325
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 12:05	VX101325
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 12:05	VX101325
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/13/25 12:05	VX101325
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/13/25 12:05	VX101325
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 12:05	VX101325
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 12:05	VX101325
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 12:05	VX101325

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-DUP-2025100	SDG No.:	Q3324
Lab Sample ID:	Q3324-08	Matrix:	Water
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 12:05	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/13/25 12:05	VX101325
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 12:05	VX101325
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 12:05	VX101325
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 12:05	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/13/25 12:05	VX101325
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 12:05	VX101325
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/13/25 12:05	VX101325
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	52.0			81 - 118		104%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.8			80 - 119		98%	SPK: 50		
2037-26-5	Toluene-d8	48.4			89 - 112		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.7			85 - 114		113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	134000								
540-36-3	1,4-Difluorobenzene	276000								
3114-55-4	Chlorobenzene-d5	290000								
3855-82-1	1,4-Dichlorobenzene-d4	147000								
TENTATIVE IDENTIFIED COMPOUNDS										
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

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/08/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-820-822	SDG No.:	Q3324
Lab Sample ID:	Q3324-09	Matrix:	Water
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 14:53	VX101025
74-87-3	Chloromethane	0.35	J	1	0.32	0.50	1.00	ug/L	10/10/25 14:53	VX101025
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/10/25 14:53	VX101025
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/10/25 14:53	VX101025
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/10/25 14:53	VX101025
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/10/25 14:53	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 14:53	VX101025
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/10/25 14:53	VX101025
67-64-1	Acetone	11.9		1	1.50	3.80	5.00	ug/L	10/10/25 14:53	VX101025
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/10/25 14:53	VX101025
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:53	VX101025
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/10/25 14:53	VX101025
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/10/25 14:53	VX101025
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 14:53	VX101025
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 14:53	VX101025
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/10/25 14:53	VX101025
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/10/25 14:53	VX101025
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 14:53	VX101025
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/10/25 14:53	VX101025
74-97-5	Bromochloromethane	0.50	UQ	1	0.22	0.50	1.00	ug/L	10/10/25 14:53	VX101025
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 14:53	VX101025
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 14:53	VX101025
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:53	VX101025
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 14:53	VX101025
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 14:53	VX101025
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/10/25 14:53	VX101025
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 14:53	VX101025
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 14:53	VX101025
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/10/25 14:53	VX101025
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/10/25 14:53	VX101025
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/10/25 14:53	VX101025
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:53	VX101025
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/10/25 14:53	VX101025
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/10/25 14:53	VX101025
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/10/25 14:53	VX101025
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 14:53	VX101025
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 14:53	VX101025
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 14:53	VX101025
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/10/25 14:53	VX101025
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/10/25 14:53	VX101025
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 14:53	VX101025
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 14:53	VX101025
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 14:53	VX101025

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/08/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-820-822	SDG No.:	Q3324
Lab Sample ID:	Q3324-09	Matrix:	Water
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 14:53	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/10/25 14:53	VX101025
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:53	VX101025
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 14:53	VX101025
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:53	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/10/25 14:53	VX101025
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 14:53	VX101025
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/10/25 14:53	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	51.7			81 - 118		103%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.5			80 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	48.5			89 - 112		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.2			85 - 114		108%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	107000								
540-36-3	1,4-Difluorobenzene	223000								
3114-55-4	Chlorobenzene-d5	234000								
3855-82-1	1,4-Dichlorobenzene-d4	113000								
TENTATIVE IDENTIFIED COMPOUNDS										
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

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

SDG No.: Q3324

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3324-02	BP-VPB-184-TB-20251006	1,2-Dichloroethane-d4	50	49.3	99		81	118
		Dibromofluoromethane	50	46.9	94		80	119
		Toluene-d8	50	46.8	94		89	112
		4-Bromofluorobenzene	50	53.6	107		85	114
Q3324-03	BP-VPB-184-EB-20251009	1,2-Dichloroethane-d4	50	50.4	101		81	118
		Dibromofluoromethane	50	48.4	97		80	119
		Toluene-d8	50	48.0	96		89	112
		4-Bromofluorobenzene	50	54.9	110		85	114
Q3324-04	BP-VPB-184-GW-760-762	1,2-Dichloroethane-d4	50	52.7	105		81	118
		Dibromofluoromethane	50	49.0	98		80	119
		Toluene-d8	50	48.8	98		89	112
		4-Bromofluorobenzene	50	55.3	111		85	114
Q3324-05	BP-VPB-184-GW-780-782	1,2-Dichloroethane-d4	50	50.4	101		81	118
		Dibromofluoromethane	50	48.9	98		80	119
		Toluene-d8	50	48.8	98		89	112
		4-Bromofluorobenzene	50	56.2	112		85	114
Q3324-06	BP-VPB-184-GW-840-842	1,2-Dichloroethane-d4	50	53.3	107		81	118
		Dibromofluoromethane	50	50.2	100		80	119
		Toluene-d8	50	48.4	97		89	112
		4-Bromofluorobenzene	50	56.4	113		85	114
Q3324-07	BP-VPB-184-GW-860-862	1,2-Dichloroethane-d4	50	54.1	108		81	118
		Dibromofluoromethane	50	49.6	99		80	119
		Toluene-d8	50	48.7	97		89	112
		4-Bromofluorobenzene	50	55.9	112		85	114
Q3324-08	BP-VPB-184-DUP-20251009	1,2-Dichloroethane-d4	50	52.0	104		81	118
		Dibromofluoromethane	50	48.8	98		80	119
		Toluene-d8	50	48.4	97		89	112
		4-Bromofluorobenzene	50	56.7	113		85	114
Q3324-09	BP-VPB-184-GW-820-822	1,2-Dichloroethane-d4	50	51.7	103		81	118
		Dibromofluoromethane	50	49.5	99		80	119
		Toluene-d8	50	48.5	97		89	112
		4-Bromofluorobenzene	50	54.2	108		85	114
VX1010WBL01	VX1010WBL01	1,2-Dichloroethane-d4	50	49.5	99		81	118
		Dibromofluoromethane	50	48.9	98		80	119
		Toluene-d8	50	49.5	99		89	112
		4-Bromofluorobenzene	50	54.5	109		85	114
VX1010WBS01	VX1010WBS01	1,2-Dichloroethane-d4	50	45.4	91		81	118
		Dibromofluoromethane	50	50.1	100		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	49.2	98		85	114
VX1010WBSD0	VX1010WBSD01	1,2-Dichloroethane-d4	50	52.3	105		81	118
		Dibromofluoromethane	50	55.6	111		80	119
		Toluene-d8	50	54.5	109		89	112
		4-Bromofluorobenzene	50	55.6	111		85	114
VX1013WBL01	VX1013WBL01	1,2-Dichloroethane-d4	50	49.8	100		81	118
		Dibromofluoromethane	50	48.9	98		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	54.5	109		85	114
VX1013WBS01	VX1013WBS01	1,2-Dichloroethane-d4	50	50.5	101		81	118
		Dibromofluoromethane	50	55.6	111		80	119

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Surrogate Summary

SDG No.: Q3324

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VX1013WBS01	VX1013WBS01	Toluene-d8	50	53.9	108		89	112
		4-Bromofluorobenzene	50	54.8	110		85	114

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3324 **Analytical Method:** SW8260-Low

Client: Tetra Tech NUS, Inc. **Datafile :** VX048104.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1010WBS01	Dichlorodifluoromethane	20	20.7	ug/L	104			32	152	
	Chloromethane	20	17.6	ug/L	88			50	139	
	Vinyl chloride	20	19.2	ug/L	96			58	137	
	Bromomethane	20	20.6	ug/L	103			53	141	
	Chloroethane	20	18.7	ug/L	94			60	138	
	Trichlorofluoromethane	20	19.8	ug/L	99			65	141	
	1,1,2-Trichlorotrifluoroethane	20	20.0	ug/L	100			70	136	
	1,1-Dichloroethene	20	18.5	ug/L	93			71	131	
	Acetone	100	67.1	ug/L	67			39	160	
	Carbon disulfide	20	20.2	ug/L	101			64	133	
	Methyl tert-butyl Ether	20	16.3	ug/L	81			71	124	
	Methyl Acetate	20	14.2	ug/L	71			56	136	
	Methylene Chloride	20	17.6	ug/L	88			74	124	
	trans-1,2-Dichloroethene	20	18.3	ug/L	92			75	124	
	1,1-Dichloroethane	20	17.5	ug/L	88			77	125	
	Cyclohexane	20	19.2	ug/L	96			71	130	
	2-Butanone	100	71.9	ug/L	72			56	143	
	Carbon Tetrachloride	20	19.5	ug/L	98			72	136	
	cis-1,2-Dichloroethene	20	17.7	ug/L	89			78	123	
	Bromochloromethane	20	24.4	ug/L	122			78	123	
	Chloroform	20	18.5	ug/L	93			79	124	
	1,1,1-Trichloroethane	20	18.3	ug/L	92			74	131	
	Methylcyclohexane	20	20.4	ug/L	102			72	132	
	Benzene	20	19.2	ug/L	96			79	120	
	1,2-Dichloroethane	20	18.7	ug/L	94			73	128	
	Trichloroethene	20	18.9	ug/L	95			79	123	
	1,2-Dichloropropane	20	18.9	ug/L	95			78	122	
	Bromodichloromethane	20	18.9	ug/L	95			79	125	
	4-Methyl-2-Pentanone	100	81.3	ug/L	81			67	130	
	Toluene	20	19.1	ug/L	96			80	121	
	t-1,3-Dichloropropene	20	18.3	ug/L	92			73	127	
	cis-1,3-Dichloropropene	20	18.7	ug/L	94			75	124	
	1,1,2-Trichloroethane	20	18.5	ug/L	93			80	119	
	2-Hexanone	100	76.5	ug/L	77			57	139	
	Dibromochloromethane	20	19.5	ug/L	98			74	126	
	1,2-Dibromoethane	20	18.7	ug/L	94			77	121	
	Tetrachloroethene	20	20.0	ug/L	100			74	129	
	Chlorobenzene	20	18.6	ug/L	93			82	118	
	Ethyl Benzene	20	18.2	ug/L	91			79	121	
	m/p-Xylenes	40	36.7	ug/L	92			80	121	
	o-Xylene	20	18.2	ug/L	91			78	122	
	Styrene	20	17.9	ug/L	90			78	123	
	Bromoform	20	18.0	ug/L	90			66	130	
	Isopropylbenzene	20	17.5	ug/L	88			72	131	
	1,1,2,2-Tetrachloroethane	20	17.0	ug/L	85			71	121	
	1,3-Dichlorobenzene	20	17.5	ug/L	88			80	119	
	1,4-Dichlorobenzene	20	17.4	ug/L	87			79	118	
	1,2-Dichlorobenzene	20	17.4	ug/L	87			80	119	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3324**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX048104.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1010WBS01	1,2-Dibromo-3-Chloropropane	20	13.9	ug/L	70			62	128	
	1,2,4-Trichlorobenzene	20	16.1	ug/L	81			69	130	
	1,2,3-Trichlorobenzene	20	16.1	ug/L	81			69	129	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3324 **Analytical Method:** SW8260-Low

Client: Tetra Tech NUS, Inc. **Datafile :** VX048122.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1010WBSD01	Dichlorodifluoromethane	20	22.3	ug/L	112	7		32	152	20
	Chloromethane	20	19.3	ug/L	97	10		50	139	20
	Vinyl chloride	20	21.2	ug/L	106	10		58	137	20
	Bromomethane	20	21.6	ug/L	108	5		53	141	20
	Chloroethane	20	20.9	ug/L	104	10		60	138	20
	Trichlorofluoromethane	20	21.4	ug/L	107	8		65	141	20
	1,1,2-Trichlorotrifluoroethane	20	21.5	ug/L	108	8		70	136	20
	1,1-Dichloroethene	20	20.3	ug/L	102	9		71	131	20
	Acetone	100	68.8	ug/L	69	3		39	160	20
	Carbon disulfide	20	22.3	ug/L	112	10		64	133	20
	Methyl tert-butyl Ether	20	18.6	ug/L	93	14		71	124	20
	Methyl Acetate	20	16.3	ug/L	81	13		56	136	20
	Methylene Chloride	20	20.4	ug/L	102	15		74	124	20
	trans-1,2-Dichloroethene	20	20.3	ug/L	102	10		75	124	20
	1,1-Dichloroethane	20	20.3	ug/L	102	15		77	125	20
	Cyclohexane	20	20.4	ug/L	102	6		71	130	20
	2-Butanone	100	82.4	ug/L	82	13		56	143	20
	Carbon Tetrachloride	20	21.1	ug/L	106	8		72	136	20
	cis-1,2-Dichloroethene	20	19.7	ug/L	99	11		78	123	20
	Bromochloromethane	20	25.4	ug/L	127	4	*	78	123	20
	Chloroform	20	20.3	ug/L	102	9		79	124	20
	1,1,1-Trichloroethane	20	20.6	ug/L	103	11		74	131	20
	Methylcyclohexane	20	21.0	ug/L	105	3		72	132	20
	Benzene	20	20.9	ug/L	104	8		79	120	20
	1,2-Dichloroethane	20	20.5	ug/L	103	9		73	128	20
	Trichloroethene	20	21.1	ug/L	106	11		79	123	20
	1,2-Dichloropropane	20	20.9	ug/L	104	9		78	122	20
	Bromodichloromethane	20	21.2	ug/L	106	11		79	125	20
	4-Methyl-2-Pentanone	100	94.4	ug/L	94	15		67	130	20
	Toluene	20	21.2	ug/L	106	10		80	121	20
	t-1,3-Dichloropropene	20	19.3	ug/L	97	5		73	127	20
	cis-1,3-Dichloropropene	20	19.9	ug/L	100	6		75	124	20
	1,1,2-Trichloroethane	20	20.6	ug/L	103	10		80	119	20
	2-Hexanone	100	87.8	ug/L	88	13		57	139	20
	Dibromochloromethane	20	21.4	ug/L	107	9		74	126	20
	1,2-Dibromoethane	20	21.6	ug/L	108	14		77	121	20
	Tetrachloroethene	20	21.9	ug/L	110	10		74	129	20
	Chlorobenzene	20	20.1	ug/L	101	8		82	118	20
	Ethyl Benzene	20	20.0	ug/L	100	9		79	121	20
	m/p-Xylenes	40	40.8	ug/L	102	10		80	121	20
	o-Xylene	20	19.9	ug/L	100	9		78	122	20
	Styrene	20	19.6	ug/L	98	9		78	123	20
	Bromoform	20	19.7	ug/L	99	10		66	130	20
	Isopropylbenzene	20	18.4	ug/L	92	4		72	131	20
	1,1,2,2-Tetrachloroethane	20	18.1	ug/L	91	7		71	121	20
	1,3-Dichlorobenzene	20	18.7	ug/L	94	7		80	119	20
	1,4-Dichlorobenzene	20	18.6	ug/L	93	7		79	118	20
	1,2-Dichlorobenzene	20	18.7	ug/L	94	8		80	119	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3324 **Analytical Method:** SW8260-Low

Client: Tetra Tech NUS, Inc. **Datafile :** VX048122.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1010WBSD01	1,2-Dibromo-3-Chloropropane	20	16.5	ug/L	83	17		62	128	20
	1,2,4-Trichlorobenzene	20	17.1	ug/L	86	6		69	130	20
	1,2,3-Trichlorobenzene	20	17.6	ug/L	88	8		69	129	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3324 **Analytical Method:** SW8260-Low

Client: Tetra Tech NUS, Inc. **Datafile :** VX048129.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1013WBS01	Dichlorodifluoromethane	20	21.4	ug/L	107			32	152	
	Chloromethane	20	18.7	ug/L	94			50	139	
	Vinyl chloride	20	20.0	ug/L	100			58	137	
	Bromomethane	20	22.5	ug/L	113			53	141	
	Chloroethane	20	20.0	ug/L	100			60	138	
	Trichlorofluoromethane	20	20.1	ug/L	101			65	141	
	1,1,2-Trichlorotrifluoroethane	20	20.0	ug/L	100			70	136	
	1,1-Dichloroethene	20	19.4	ug/L	97			71	131	
	Acetone	100	79.7	ug/L	80			39	160	
	Carbon disulfide	20	21.6	ug/L	108			64	133	
	Methyl tert-butyl Ether	20	16.9	ug/L	85			71	124	
	Methyl Acetate	20	14.3	ug/L	72			56	136	
	Methylene Chloride	20	18.0	ug/L	90			74	124	
	trans-1,2-Dichloroethene	20	19.8	ug/L	99			75	124	
	1,1-Dichloroethane	20	18.7	ug/L	94			77	125	
	Cyclohexane	20	19.6	ug/L	98			71	130	
	2-Butanone	100	77.9	ug/L	78			56	143	
	Carbon Tetrachloride	20	20.0	ug/L	100			72	136	
	cis-1,2-Dichloroethene	20	18.7	ug/L	94			78	123	
	Bromochloromethane	20	18.1	ug/L	91			78	123	
	Chloroform	20	19.1	ug/L	96			79	124	
	1,1,1-Trichloroethane	20	19.5	ug/L	98			74	131	
	Methylcyclohexane	20	19.9	ug/L	100			72	132	
	Benzene	20	19.8	ug/L	99			79	120	
	1,2-Dichloroethane	20	19.1	ug/L	96			73	128	
	Trichloroethene	20	20.2	ug/L	101			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	83.1	ug/L	83			67	130	
	Toluene	20	20.2	ug/L	101			80	121	
	t-1,3-Dichloropropene	20	18.6	ug/L	93			73	127	
	cis-1,3-Dichloropropene	20	19.4	ug/L	97			75	124	
	1,1,2-Trichloroethane	20	18.9	ug/L	95			80	119	
	2-Hexanone	100	81.2	ug/L	81			57	139	
	Dibromochloromethane	20	20.1	ug/L	101			74	126	
	1,2-Dibromoethane	20	19.7	ug/L	99			77	121	
	Tetrachloroethene	20	20.4	ug/L	102			74	129	
	Chlorobenzene	20	19.5	ug/L	98			82	118	
	Ethyl Benzene	20	19.2	ug/L	96			79	121	
	m/p-Xylenes	40	39.4	ug/L	99			80	121	
	o-Xylene	20	19.4	ug/L	97			78	122	
	Styrene	20	19.0	ug/L	95			78	123	
	Bromoform	20	19.6	ug/L	98			66	130	
	Isopropylbenzene	20	18.0	ug/L	90			72	131	
	1,1,2,2-Tetrachloroethane	20	16.9	ug/L	85			71	121	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			80	119	
	1,4-Dichlorobenzene	20	17.8	ug/L	89			79	118	
	1,2-Dichlorobenzene	20	17.8	ug/L	89			80	119	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3324**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX048129.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1013WBS01	1,2-Dibromo-3-Chloropropane	20	14.2	ug/L	71			62	128	
	1,2,4-Trichlorobenzene	20	16.4	ug/L	82			69	130	
	1,2,3-Trichlorobenzene	20	16.4	ug/L	82			69	129	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1010WBL01

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3324

Lab File ID: VX048102.D Lab Sample ID: VX1010WBL01

Date Analyzed: 10/10/2025 Time Analyzed: 11:33

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
VX1010WBS01	VX1010WBS01	VX048104.D	10/10/2025
BP-VPB-184-TB-20251006	Q3324-02	VX048105.D	10/10/2025
BP-VPB-184-GW-760-762	Q3324-04	VX048107.D	10/10/2025
BP-VPB-184-GW-840-842	Q3324-06	VX048109.D	10/10/2025
BP-VPB-184-GW-820-822	Q3324-09	VX048111.D	10/10/2025
BP-VPB-184-GW-860-862	Q3324-07	VX048112.D	10/10/2025
VX1010WBSD01	VX1010WBSD01	VX048122.D	10/10/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1013WBL01

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3324

Lab File ID: VX048128.D Lab Sample ID: VX1013WBL01

Date Analyzed: 10/13/2025 Time Analyzed: 09:46

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
VX1013WBS01	VX1013WBS01	VX048129.D	10/13/2025
BP-VPB-184-EB-20251009	Q3324-03	VX048130.D	10/13/2025
BP-VPB-184-GW-780-782	Q3324-05	VX048132.D	10/13/2025
BP-VPB-184-DUP-20251009	Q3324-08	VX048133.D	10/13/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q3324

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
VSTDICC001	VSTDICC001	VX047585.D	09/16/2025	09:23
VSTDICC005	VSTDICC005	VX047586.D	09/16/2025	10:16
VSTDICC020	VSTDICC020	VX047587.D	09/16/2025	10:37
VSTDICCC050	VSTDICCC050	VX047588.D	09/16/2025	10:58
VSTDICC100	VSTDICC100	VX047589.D	09/16/2025	11:40
VSTDICC150	VSTDICC150	VX047590.D	09/16/2025	12:01

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q3324

Lab File ID: VX048099.D | BFB Injection Date: 10/10/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:36

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	20.2
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	6.2
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	67
175	5.0 - 9.0% of mass 174	5.1 (7.6) 1
176	95.0 - 101.0% of mass 174	66.9 (99.9) 1
177	5.0 - 9.0% of mass 176	4.2 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048100.D	10/10/2025	10:45
VX1010WBL01	VX1010WBL01	VX048102.D	10/10/2025	11:33
VX1010WBS01	VX1010WBS01	VX048104.D	10/10/2025	12:30
BP-VPB-184-TB-20251006	Q3324-02	VX048105.D	10/10/2025	12:50
BP-VPB-184-GW-760-762	Q3324-04	VX048107.D	10/10/2025	13:31
BP-VPB-184-GW-840-842	Q3324-06	VX048109.D	10/10/2025	14:12
BP-VPB-184-GW-820-822	Q3324-09	VX048111.D	10/10/2025	14:53
BP-VPB-184-GW-860-862	Q3324-07	VX048112.D	10/10/2025	15:13
VX1010WBSD01	VX1010WBSD01	VX048122.D	10/10/2025	18:59
VSTDCCC050EC	VSTDCCC050	VX048124.D	10/10/2025	19:40

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q3324

Lab File ID: VX048125.D | BFB Injection Date: 10/13/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:13

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	52.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.9 (1.3) 1
174	50.0 - 100.0% of mass 95	68.4
175	5.0 - 9.0% of mass 174	5.3 (7.8) 1
176	95.0 - 101.0% of mass 174	66.7 (97.5) 1
177	5.0 - 9.0% of mass 176	4.6 (6.9) 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	VX048126.D	10/13/2025	08:55
VX1013WBL01	VX1013WBL01	VX048128.D	10/13/2025	09:46
VX1013WBS01	VX1013WBS01	VX048129.D	10/13/2025	10:43
BP-VPB-184-EB-20251009	Q3324-03	VX048130.D	10/13/2025	11:03
BP-VPB-184-GW-780-782	Q3324-05	VX048132.D	10/13/2025	11:44
BP-VPB-184-DUP-20251009	Q3324-08	VX048133.D	10/13/2025	12:05
VSTDCCC050EC	VSTDCCC050	VX048151.D	10/13/2025	18:15

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3324

Lab File ID: VX048100.D Date Analyzed: 10/10/2025

Instrument ID: MSVOA_X Time Analyzed: 10:45

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	124915	5.53	216127	6.74	194988	10.04
UPPER LIMIT	249830	6.025	432254	7.238	389976	10.537
LOWER LIMIT	62457.5	5.025	108064	6.238	97494	9.537
EPA SAMPLE NO.						
BP-VPB-184-TB-20251006	114051	5.54	233030	6.75	242170	10.04
BP-VPB-184-GW-760-762	118203	5.54	242254	6.75	251104	10.04
BP-VPB-184-GW-840-842	120601	5.54	248505	6.75	261947	10.04
BP-VPB-184-GW-860-862	118979	5.54	249066	6.75	261922	10.04
BP-VPB-184-GW-820-822	107357	5.54	223217	6.75	233516	10.04
VX1010WBL01	163530	5.54	330351	6.75	333490	10.04
VX1010WBS01	134840	5.53	228857	6.74	211483	10.04
VX1010WBSD01	122969	5.54	213051	6.75	198272	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3324

Lab File ID: VX048100.D Date Analyzed: 10/10/2025

Instrument ID: MSVOA_X Time Analyzed: 10:45

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

	IS4 AREA #	RT #				
12 HOUR STD	96783	12.006				
UPPER LIMIT	193566	12.506				
LOWER LIMIT	48391.5	11.506				
EPA SAMPLE NO.						
BP-VPB-184-TB-20251006	121909	12.01				
BP-VPB-184-GW-760-762	126721	12.01				
BP-VPB-184-GW-840-842	136698	12.01				
BP-VPB-184-GW-860-862	131287	12.01				
BP-VPB-184-GW-820-822	113061	12.01				
VX1010WBL01	161186	12.01				
VX1010WBS01	106925	12.01				
VX1010WBSD01	102458	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3324

Lab File ID: VX048126.D Date Analyzed: 10/13/2025

Instrument ID: MSVOA_X Time Analyzed: 08:55

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	154232	5.53	259451	6.74	223200	10.04
UPPER LIMIT	308464	6.025	518902	7.239	446400	10.537
LOWER LIMIT	77116	5.025	129726	6.239	111600	9.537
EPA SAMPLE NO.						
BP-VPB-184-EB-20251009	150033	5.54	306612	6.75	313607	10.04
BP-VPB-184-GW-780-782	145285	5.54	293131	6.75	303093	10.04
BP-VPB-184-DUP-20251009	134129	5.54	276039	6.75	289836	10.04
VX1013WBL01	171399	5.54	348950	6.75	354107	10.04
VX1013WBS01	148350	5.53	252959	6.74	229883	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3324

Lab File ID: VX048126.D Date Analyzed: 10/13/2025

Instrument ID: MSVOA_X Time Analyzed: 08:55

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

	IS4 AREA #	RT #				
12 HOUR STD	109642	12				
UPPER LIMIT	219284	12.5				
LOWER LIMIT	54821	11.5				
EPA SAMPLE NO.						
BP-VPB-184-EB-20251009	159311	12.01				
BP-VPB-184-GW-780-782	152502	12.01				
BP-VPB-184-DUP-20251009	147242	12.01				
VX1013WBL01	171429	12.01				
VX1013WBS01	119033	12.00				

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

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1010WBL01	SDG No.:	Q3324
Lab Sample ID:	VX1010WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 11:33	VX101025
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/10/25 11:33	VX101025
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/10/25 11:33	VX101025
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/10/25 11:33	VX101025
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/10/25 11:33	VX101025
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/10/25 11:33	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 11:33	VX101025
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/10/25 11:33	VX101025
67-64-1	Acetone	3.80	U	1	1.50	3.80	5.00	ug/L	10/10/25 11:33	VX101025
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/10/25 11:33	VX101025
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 11:33	VX101025
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/10/25 11:33	VX101025
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/10/25 11:33	VX101025
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 11:33	VX101025
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 11:33	VX101025
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/10/25 11:33	VX101025
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/10/25 11:33	VX101025
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 11:33	VX101025
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/10/25 11:33	VX101025
74-97-5	Bromochloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 11:33	VX101025
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 11:33	VX101025
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 11:33	VX101025
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 11:33	VX101025
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 11:33	VX101025
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 11:33	VX101025
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/10/25 11:33	VX101025
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 11:33	VX101025
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 11:33	VX101025
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/10/25 11:33	VX101025
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/10/25 11:33	VX101025
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/10/25 11:33	VX101025
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 11:33	VX101025
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/10/25 11:33	VX101025
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/10/25 11:33	VX101025
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/10/25 11:33	VX101025
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 11:33	VX101025
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 11:33	VX101025
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 11:33	VX101025
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/10/25 11:33	VX101025
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/10/25 11:33	VX101025
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 11:33	VX101025
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 11:33	VX101025
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 11:33	VX101025

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1010WBL01	SDG No.:	Q3324
Lab Sample ID:	VX1010WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 11:33	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/10/25 11:33	VX101025
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 11:33	VX101025
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 11:33	VX101025
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 11:33	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/10/25 11:33	VX101025
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 11:33	VX101025
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/10/25 11:33	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	49.5			81 - 118		99%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.9			80 - 119		98%	SPK: 50		
2037-26-5	Toluene-d8	49.5			89 - 112		99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.5			85 - 114		109%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	164000								
540-36-3	1,4-Difluorobenzene	330000								
3114-55-4	Chlorobenzene-d5	333000								
3855-82-1	1,4-Dichlorobenzene-d4	161000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1013WBL01	SDG No.:	Q3324
Lab Sample ID:	VX1013WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 09:46	VX101325
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/13/25 09:46	VX101325
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/13/25 09:46	VX101325
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/13/25 09:46	VX101325
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/13/25 09:46	VX101325
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/13/25 09:46	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 09:46	VX101325
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/13/25 09:46	VX101325
67-64-1	Acetone	3.80	U	1	1.50	3.80	5.00	ug/L	10/13/25 09:46	VX101325
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/13/25 09:46	VX101325
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 09:46	VX101325
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/13/25 09:46	VX101325
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/13/25 09:46	VX101325
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 09:46	VX101325
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 09:46	VX101325
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/13/25 09:46	VX101325
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/13/25 09:46	VX101325
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 09:46	VX101325
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/13/25 09:46	VX101325
74-97-5	Bromochloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 09:46	VX101325
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 09:46	VX101325
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 09:46	VX101325
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 09:46	VX101325
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 09:46	VX101325
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 09:46	VX101325
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/13/25 09:46	VX101325
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 09:46	VX101325
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 09:46	VX101325
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/13/25 09:46	VX101325
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/13/25 09:46	VX101325
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/13/25 09:46	VX101325
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 09:46	VX101325
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/13/25 09:46	VX101325
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/13/25 09:46	VX101325
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/13/25 09:46	VX101325
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 09:46	VX101325
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 09:46	VX101325
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 09:46	VX101325
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/13/25 09:46	VX101325
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/13/25 09:46	VX101325
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 09:46	VX101325
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 09:46	VX101325
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 09:46	VX101325

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1013WBL01	SDG No.:	Q3324
Lab Sample ID:	VX1013WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 09:46	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/13/25 09:46	VX101325
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 09:46	VX101325
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 09:46	VX101325
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 09:46	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/13/25 09:46	VX101325
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 09:46	VX101325
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/13/25 09:46	VX101325
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	49.8			81 - 118		100%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.9			80 - 119		98%	SPK: 50		
2037-26-5	Toluene-d8	48.3			89 - 112		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.5			85 - 114		109%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	171000								
540-36-3	1,4-Difluorobenzene	349000								
3114-55-4	Chlorobenzene-d5	354000								
3855-82-1	1,4-Dichlorobenzene-d4	171000								

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1010WBS01	SDG No.:	Q3324
Lab Sample ID:	VX1010WBS01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	20.7		1	0.22	0.50	1.00	ug/L	10/10/25 12:30	VX101025
74-87-3	Chloromethane	17.6		1	0.32	0.50	1.00	ug/L	10/10/25 12:30	VX101025
75-01-4	Vinyl Chloride	19.2		1	0.26	0.75	1.00	ug/L	10/10/25 12:30	VX101025
74-83-9	Bromomethane	20.6		1	1.40	3.80	5.00	ug/L	10/10/25 12:30	VX101025
75-00-3	Chloroethane	18.7		1	0.47	0.75	1.00	ug/L	10/10/25 12:30	VX101025
75-69-4	Trichlorofluoromethane	19.8		1	0.33	0.50	1.00	ug/L	10/10/25 12:30	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	20.0		1	0.25	0.50	1.00	ug/L	10/10/25 12:30	VX101025
75-35-4	1,1-Dichloroethene	18.5		1	0.23	0.75	1.00	ug/L	10/10/25 12:30	VX101025
67-64-1	Acetone	67.1		1	1.50	3.80	5.00	ug/L	10/10/25 12:30	VX101025
75-15-0	Carbon Disulfide	20.2		1	0.21	0.75	1.00	ug/L	10/10/25 12:30	VX101025
1634-04-4	Methyl tert-butyl Ether	16.3		1	0.16	0.50	1.00	ug/L	10/10/25 12:30	VX101025
79-20-9	Methyl Acetate	14.2		1	0.27	0.75	1.00	ug/L	10/10/25 12:30	VX101025
75-09-2	Methylene Chloride	17.6		1	0.28	0.50	1.00	ug/L	10/10/25 12:30	VX101025
156-60-5	trans-1,2-Dichloroethene	18.3		1	0.23	0.50	1.00	ug/L	10/10/25 12:30	VX101025
75-34-3	1,1-Dichloroethane	17.5		1	0.23	0.50	1.00	ug/L	10/10/25 12:30	VX101025
110-82-7	Cyclohexane	19.2		1	1.50	2.50	5.00	ug/L	10/10/25 12:30	VX101025
78-93-3	2-Butanone	71.9		1	0.98	2.50	5.00	ug/L	10/10/25 12:30	VX101025
56-23-5	Carbon Tetrachloride	19.5		1	0.25	0.50	1.00	ug/L	10/10/25 12:30	VX101025
156-59-2	cis-1,2-Dichloroethene	17.7		1	0.19	0.75	1.00	ug/L	10/10/25 12:30	VX101025
74-97-5	Bromochloromethane	24.4		1	0.22	0.50	1.00	ug/L	10/10/25 12:30	VX101025
67-66-3	Chloroform	18.5		1	0.25	0.50	1.00	ug/L	10/10/25 12:30	VX101025
71-55-6	1,1,1-Trichloroethane	18.3		1	0.20	0.50	1.00	ug/L	10/10/25 12:30	VX101025
108-87-2	Methylcyclohexane	20.4		1	0.16	0.50	1.00	ug/L	10/10/25 12:30	VX101025
71-43-2	Benzene	19.2		1	0.15	0.50	1.00	ug/L	10/10/25 12:30	VX101025
107-06-2	1,2-Dichloroethane	18.7		1	0.22	0.50	1.00	ug/L	10/10/25 12:30	VX101025
79-01-6	Trichloroethene	18.9		1	0.090	0.75	1.00	ug/L	10/10/25 12:30	VX101025
78-87-5	1,2-Dichloropropane	18.9		1	0.20	0.50	1.00	ug/L	10/10/25 12:30	VX101025
75-27-4	Bromodichloromethane	18.9		1	0.22	0.50	1.00	ug/L	10/10/25 12:30	VX101025
108-10-1	4-Methyl-2-Pentanone	81.3		1	0.68	2.50	5.00	ug/L	10/10/25 12:30	VX101025
108-88-3	Toluene	19.1		1	0.14	0.50	1.00	ug/L	10/10/25 12:30	VX101025
10061-02-6	t-1,3-Dichloropropene	18.3		1	0.17	0.50	1.00	ug/L	10/10/25 12:30	VX101025
10061-01-5	cis-1,3-Dichloropropene	18.7		1	0.16	0.50	1.00	ug/L	10/10/25 12:30	VX101025
79-00-5	1,1,2-Trichloroethane	18.5		1	0.21	0.50	1.00	ug/L	10/10/25 12:30	VX101025
591-78-6	2-Hexanone	76.5		1	0.89	2.50	5.00	ug/L	10/10/25 12:30	VX101025
124-48-1	Dibromochloromethane	19.5		1	0.18	0.50	1.00	ug/L	10/10/25 12:30	VX101025
106-93-4	1,2-Dibromoethane	18.7		1	0.15	0.50	1.00	ug/L	10/10/25 12:30	VX101025
127-18-4	Tetrachloroethene	20.0		1	0.23	0.50	1.00	ug/L	10/10/25 12:30	VX101025
108-90-7	Chlorobenzene	18.6		1	0.12	0.50	1.00	ug/L	10/10/25 12:30	VX101025
100-41-4	Ethyl Benzene	18.2		1	0.13	0.50	1.00	ug/L	10/10/25 12:30	VX101025
179601-23-1	m/p-Xylenes	36.7		1	0.24	1.00	2.00	ug/L	10/10/25 12:30	VX101025
95-47-6	o-Xylene	18.2		1	0.12	0.50	1.00	ug/L	10/10/25 12:30	VX101025
100-42-5	Styrene	17.9		1	0.15	0.50	1.00	ug/L	10/10/25 12:30	VX101025
75-25-2	Bromoform	18.0		1	0.19	0.50	1.00	ug/L	10/10/25 12:30	VX101025

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1010WBS01	SDG No.:	Q3324
Lab Sample ID:	VX1010WBS01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	17.5		1	0.12	0.50	1.00	ug/L	10/10/25 12:30	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	17.0		1	0.26	0.50	1.00	ug/L	10/10/25 12:30	VX101025
541-73-1	1,3-Dichlorobenzene	17.5		1	0.16	0.50	1.00	ug/L	10/10/25 12:30	VX101025
106-46-7	1,4-Dichlorobenzene	17.4		1	0.19	0.50	1.00	ug/L	10/10/25 12:30	VX101025
95-50-1	1,2-Dichlorobenzene	17.4		1	0.16	0.50	1.00	ug/L	10/10/25 12:30	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	13.9		1	0.53	0.75	1.00	ug/L	10/10/25 12:30	VX101025
120-82-1	1,2,4-Trichlorobenzene	16.1		1	0.20	0.50	1.00	ug/L	10/10/25 12:30	VX101025
87-61-6	1,2,3-Trichlorobenzene	16.1		1	0.20	0.75	1.00	ug/L	10/10/25 12:30	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	45.4			81 - 118		91%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.1			80 - 119		100%	SPK: 50		
2037-26-5	Toluene-d8	48.3			89 - 112		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.2			85 - 114		98%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	135000								
540-36-3	1,4-Difluorobenzene	229000								
3114-55-4	Chlorobenzene-d5	211000								
3855-82-1	1,4-Dichlorobenzene-d4	107000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1013WBS01	SDG No.:	Q3324
Lab Sample ID:	VX1013WBS01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	21.4		1	0.22	0.50	1.00	ug/L	10/13/25 10:43	VX101325
74-87-3	Chloromethane	18.7		1	0.32	0.50	1.00	ug/L	10/13/25 10:43	VX101325
75-01-4	Vinyl Chloride	20.0		1	0.26	0.75	1.00	ug/L	10/13/25 10:43	VX101325
74-83-9	Bromomethane	22.5		1	1.40	3.80	5.00	ug/L	10/13/25 10:43	VX101325
75-00-3	Chloroethane	20.0		1	0.47	0.75	1.00	ug/L	10/13/25 10:43	VX101325
75-69-4	Trichlorofluoromethane	20.1		1	0.33	0.50	1.00	ug/L	10/13/25 10:43	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	20.0		1	0.25	0.50	1.00	ug/L	10/13/25 10:43	VX101325
75-35-4	1,1-Dichloroethene	19.4		1	0.23	0.75	1.00	ug/L	10/13/25 10:43	VX101325
67-64-1	Acetone	79.7		1	1.50	3.80	5.00	ug/L	10/13/25 10:43	VX101325
75-15-0	Carbon Disulfide	21.6		1	0.21	0.75	1.00	ug/L	10/13/25 10:43	VX101325
1634-04-4	Methyl tert-butyl Ether	16.9		1	0.16	0.50	1.00	ug/L	10/13/25 10:43	VX101325
79-20-9	Methyl Acetate	14.3		1	0.27	0.75	1.00	ug/L	10/13/25 10:43	VX101325
75-09-2	Methylene Chloride	18.0		1	0.28	0.50	1.00	ug/L	10/13/25 10:43	VX101325
156-60-5	trans-1,2-Dichloroethene	19.8		1	0.23	0.50	1.00	ug/L	10/13/25 10:43	VX101325
75-34-3	1,1-Dichloroethane	18.7		1	0.23	0.50	1.00	ug/L	10/13/25 10:43	VX101325
110-82-7	Cyclohexane	19.6		1	1.50	2.50	5.00	ug/L	10/13/25 10:43	VX101325
78-93-3	2-Butanone	77.9		1	0.98	2.50	5.00	ug/L	10/13/25 10:43	VX101325
56-23-5	Carbon Tetrachloride	20.0		1	0.25	0.50	1.00	ug/L	10/13/25 10:43	VX101325
156-59-2	cis-1,2-Dichloroethene	18.7		1	0.19	0.75	1.00	ug/L	10/13/25 10:43	VX101325
74-97-5	Bromochloromethane	18.1		1	0.22	0.50	1.00	ug/L	10/13/25 10:43	VX101325
67-66-3	Chloroform	19.1		1	0.25	0.50	1.00	ug/L	10/13/25 10:43	VX101325
71-55-6	1,1,1-Trichloroethane	19.5		1	0.20	0.50	1.00	ug/L	10/13/25 10:43	VX101325
108-87-2	Methylcyclohexane	19.9		1	0.16	0.50	1.00	ug/L	10/13/25 10:43	VX101325
71-43-2	Benzene	19.8		1	0.15	0.50	1.00	ug/L	10/13/25 10:43	VX101325
107-06-2	1,2-Dichloroethane	19.1		1	0.22	0.50	1.00	ug/L	10/13/25 10:43	VX101325
79-01-6	Trichloroethene	20.2		1	0.090	0.75	1.00	ug/L	10/13/25 10:43	VX101325
78-87-5	1,2-Dichloropropane	19.5		1	0.20	0.50	1.00	ug/L	10/13/25 10:43	VX101325
75-27-4	Bromodichloromethane	19.8		1	0.22	0.50	1.00	ug/L	10/13/25 10:43	VX101325
108-10-1	4-Methyl-2-Pentanone	83.1		1	0.68	2.50	5.00	ug/L	10/13/25 10:43	VX101325
108-88-3	Toluene	20.2		1	0.14	0.50	1.00	ug/L	10/13/25 10:43	VX101325
10061-02-6	t-1,3-Dichloropropene	18.6		1	0.17	0.50	1.00	ug/L	10/13/25 10:43	VX101325
10061-01-5	cis-1,3-Dichloropropene	19.4		1	0.16	0.50	1.00	ug/L	10/13/25 10:43	VX101325
79-00-5	1,1,2-Trichloroethane	18.9		1	0.21	0.50	1.00	ug/L	10/13/25 10:43	VX101325
591-78-6	2-Hexanone	81.2		1	0.89	2.50	5.00	ug/L	10/13/25 10:43	VX101325
124-48-1	Dibromochloromethane	20.1		1	0.18	0.50	1.00	ug/L	10/13/25 10:43	VX101325
106-93-4	1,2-Dibromoethane	19.7		1	0.15	0.50	1.00	ug/L	10/13/25 10:43	VX101325
127-18-4	Tetrachloroethene	20.4		1	0.23	0.50	1.00	ug/L	10/13/25 10:43	VX101325
108-90-7	Chlorobenzene	19.5		1	0.12	0.50	1.00	ug/L	10/13/25 10:43	VX101325
100-41-4	Ethyl Benzene	19.2		1	0.13	0.50	1.00	ug/L	10/13/25 10:43	VX101325
179601-23-1	m/p-Xylenes	39.4		1	0.24	1.00	2.00	ug/L	10/13/25 10:43	VX101325
95-47-6	o-Xylene	19.4		1	0.12	0.50	1.00	ug/L	10/13/25 10:43	VX101325
100-42-5	Styrene	19.0		1	0.15	0.50	1.00	ug/L	10/13/25 10:43	VX101325
75-25-2	Bromoform	19.6		1	0.19	0.50	1.00	ug/L	10/13/25 10:43	VX101325

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

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1013WBS01	SDG No.:	Q3324
Lab Sample ID:	VX1013WBS01	Matrix:	Water
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	18.0		1	0.12	0.50	1.00	ug/L	10/13/25 10:43	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	16.9		1	0.26	0.50	1.00	ug/L	10/13/25 10:43	VX101325
541-73-1	1,3-Dichlorobenzene	18.0		1	0.16	0.50	1.00	ug/L	10/13/25 10:43	VX101325
106-46-7	1,4-Dichlorobenzene	17.8		1	0.19	0.50	1.00	ug/L	10/13/25 10:43	VX101325
95-50-1	1,2-Dichlorobenzene	17.8		1	0.16	0.50	1.00	ug/L	10/13/25 10:43	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	14.2		1	0.53	0.75	1.00	ug/L	10/13/25 10:43	VX101325
120-82-1	1,2,4-Trichlorobenzene	16.4		1	0.20	0.50	1.00	ug/L	10/13/25 10:43	VX101325
87-61-6	1,2,3-Trichlorobenzene	16.4		1	0.20	0.75	1.00	ug/L	10/13/25 10:43	VX101325
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	50.6			81 - 118		101%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.6			80 - 119		111%	SPK: 50		
2037-26-5	Toluene-d8	53.9			89 - 112		108%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.8			85 - 114		110%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	148000								
540-36-3	1,4-Difluorobenzene	253000								
3114-55-4	Chlorobenzene-d5	230000								
3855-82-1	1,4-Dichlorobenzene-d4	119000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1010WBSD01	SDG No.:	Q3324
Lab Sample ID:	VX1010WBSD01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	22.3		1	0.22	0.50	1.00	ug/L	10/10/25 18:59	VX101025
74-87-3	Chloromethane	19.3		1	0.32	0.50	1.00	ug/L	10/10/25 18:59	VX101025
75-01-4	Vinyl Chloride	21.2		1	0.26	0.75	1.00	ug/L	10/10/25 18:59	VX101025
74-83-9	Bromomethane	21.6		1	1.40	3.80	5.00	ug/L	10/10/25 18:59	VX101025
75-00-3	Chloroethane	20.9		1	0.47	0.75	1.00	ug/L	10/10/25 18:59	VX101025
75-69-4	Trichlorofluoromethane	21.4		1	0.33	0.50	1.00	ug/L	10/10/25 18:59	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	21.5		1	0.25	0.50	1.00	ug/L	10/10/25 18:59	VX101025
75-35-4	1,1-Dichloroethene	20.3		1	0.23	0.75	1.00	ug/L	10/10/25 18:59	VX101025
67-64-1	Acetone	68.8		1	1.50	3.80	5.00	ug/L	10/10/25 18:59	VX101025
75-15-0	Carbon Disulfide	22.3		1	0.21	0.75	1.00	ug/L	10/10/25 18:59	VX101025
1634-04-4	Methyl tert-butyl Ether	18.6		1	0.16	0.50	1.00	ug/L	10/10/25 18:59	VX101025
79-20-9	Methyl Acetate	16.3		1	0.27	0.75	1.00	ug/L	10/10/25 18:59	VX101025
75-09-2	Methylene Chloride	20.4		1	0.28	0.50	1.00	ug/L	10/10/25 18:59	VX101025
156-60-5	trans-1,2-Dichloroethene	20.3		1	0.23	0.50	1.00	ug/L	10/10/25 18:59	VX101025
75-34-3	1,1-Dichloroethane	20.3		1	0.23	0.50	1.00	ug/L	10/10/25 18:59	VX101025
110-82-7	Cyclohexane	20.4		1	1.50	2.50	5.00	ug/L	10/10/25 18:59	VX101025
78-93-3	2-Butanone	82.4		1	0.98	2.50	5.00	ug/L	10/10/25 18:59	VX101025
56-23-5	Carbon Tetrachloride	21.1		1	0.25	0.50	1.00	ug/L	10/10/25 18:59	VX101025
156-59-2	cis-1,2-Dichloroethene	19.7		1	0.19	0.75	1.00	ug/L	10/10/25 18:59	VX101025
74-97-5	Bromochloromethane	25.4		1	0.22	0.50	1.00	ug/L	10/10/25 18:59	VX101025
67-66-3	Chloroform	20.3		1	0.25	0.50	1.00	ug/L	10/10/25 18:59	VX101025
71-55-6	1,1,1-Trichloroethane	20.6		1	0.20	0.50	1.00	ug/L	10/10/25 18:59	VX101025
108-87-2	Methylcyclohexane	21.0		1	0.16	0.50	1.00	ug/L	10/10/25 18:59	VX101025
71-43-2	Benzene	20.9		1	0.15	0.50	1.00	ug/L	10/10/25 18:59	VX101025
107-06-2	1,2-Dichloroethane	20.5		1	0.22	0.50	1.00	ug/L	10/10/25 18:59	VX101025
79-01-6	Trichloroethene	21.1		1	0.090	0.75	1.00	ug/L	10/10/25 18:59	VX101025
78-87-5	1,2-Dichloropropane	20.9		1	0.20	0.50	1.00	ug/L	10/10/25 18:59	VX101025
75-27-4	Bromodichloromethane	21.2		1	0.22	0.50	1.00	ug/L	10/10/25 18:59	VX101025
108-10-1	4-Methyl-2-Pentanone	94.4		1	0.68	2.50	5.00	ug/L	10/10/25 18:59	VX101025
108-88-3	Toluene	21.2		1	0.14	0.50	1.00	ug/L	10/10/25 18:59	VX101025
10061-02-6	t-1,3-Dichloropropene	19.3		1	0.17	0.50	1.00	ug/L	10/10/25 18:59	VX101025
10061-01-5	cis-1,3-Dichloropropene	19.9		1	0.16	0.50	1.00	ug/L	10/10/25 18:59	VX101025
79-00-5	1,1,2-Trichloroethane	20.6		1	0.21	0.50	1.00	ug/L	10/10/25 18:59	VX101025
591-78-6	2-Hexanone	87.8		1	0.89	2.50	5.00	ug/L	10/10/25 18:59	VX101025
124-48-1	Dibromochloromethane	21.4		1	0.18	0.50	1.00	ug/L	10/10/25 18:59	VX101025
106-93-4	1,2-Dibromoethane	21.6		1	0.15	0.50	1.00	ug/L	10/10/25 18:59	VX101025
127-18-4	Tetrachloroethene	21.9		1	0.23	0.50	1.00	ug/L	10/10/25 18:59	VX101025
108-90-7	Chlorobenzene	20.1		1	0.12	0.50	1.00	ug/L	10/10/25 18:59	VX101025
100-41-4	Ethyl Benzene	20.0		1	0.13	0.50	1.00	ug/L	10/10/25 18:59	VX101025
179601-23-1	m/p-Xylenes	40.8		1	0.24	1.00	2.00	ug/L	10/10/25 18:59	VX101025
95-47-6	o-Xylene	19.9		1	0.12	0.50	1.00	ug/L	10/10/25 18:59	VX101025
100-42-5	Styrene	19.6		1	0.15	0.50	1.00	ug/L	10/10/25 18:59	VX101025
75-25-2	Bromoform	19.7		1	0.19	0.50	1.00	ug/L	10/10/25 18:59	VX101025

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1010WBSD01	SDG No.:	Q3324
Lab Sample ID:	VX1010WBSD01	Matrix:	Water
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	18.4		1	0.12	0.50	1.00	ug/L	10/10/25 18:59	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1	0.26	0.50	1.00	ug/L	10/10/25 18:59	VX101025
541-73-1	1,3-Dichlorobenzene	18.7		1	0.16	0.50	1.00	ug/L	10/10/25 18:59	VX101025
106-46-7	1,4-Dichlorobenzene	18.6		1	0.19	0.50	1.00	ug/L	10/10/25 18:59	VX101025
95-50-1	1,2-Dichlorobenzene	18.7		1	0.16	0.50	1.00	ug/L	10/10/25 18:59	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	16.5		1	0.53	0.75	1.00	ug/L	10/10/25 18:59	VX101025
120-82-1	1,2,4-Trichlorobenzene	17.1		1	0.20	0.50	1.00	ug/L	10/10/25 18:59	VX101025
87-61-6	1,2,3-Trichlorobenzene	17.6		1	0.20	0.75	1.00	ug/L	10/10/25 18:59	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	52.3			81 - 118		105%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.6			80 - 119		111%	SPK: 50		
2037-26-5	Toluene-d8	54.5			89 - 112		109%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.6			85 - 114		111%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	123000								
540-36-3	1,4-Difluorobenzene	213000								
3114-55-4	Chlorobenzene-d5	198000								
3855-82-1	1,4-Dichlorobenzene-d4	102000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3324

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	$\overline{RRF}$	% 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3324

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	$\overline{RRF}$	% 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.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG No.: Q3324
Instrument ID: MSVOA_X
Calibration Date/Time: 10/10/2025 10:45
Lab File ID: VX048100.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.649		25.29	20
Chloromethane	0.680	0.784	0.1	15.29	20
Vinyl Chloride	0.666	0.823		23.57	20
Bromomethane	0.422	0.549		30.09	20
Chloroethane	0.445	0.521		17.08	20
Trichlorofluoromethane	0.989	1.220		23.36	20
1,1,2-Trichlorotrifluoroethane	0.578	0.696		20.42	20
1,1-Dichloroethene	0.594	0.700		17.84	20
Acetone	0.346	0.329		-4.91	20
Carbon Disulfide	1.626	2.098		29.03	20
Methyl tert-butyl Ether	2.169	2.245		3.5	20
Methyl Acetate	0.770	0.680		-11.69	20
Methylene Chloride	0.732	0.797		8.88	20
trans-1,2-Dichloroethene	0.640	0.750		17.19	20
1,1-Dichloroethane	1.263	1.418	0.1	12.27	20
Cyclohexane	1.052	1.209		14.92	20
2-Butanone	0.432	0.394		-8.8	20
Carbon Tetrachloride	0.532	0.618		16.17	20
cis-1,2-Dichloroethene	0.783	0.864		10.35	20
Bromochloromethane	0.551	0.545		-1.09	20
Chloroform	1.276	1.444		13.17	20
1,1,1-Trichloroethane	1.082	1.249		15.43	20
Methylcyclohexane	0.556	0.683		22.84	20
Benzene	1.488	1.737		16.73	20
1,2-Dichloroethane	0.566	0.633		11.84	20
Trichloroethene	0.360	0.428		18.89	20
1,2-Dichloropropane	0.381	0.437		14.7	20
Bromodichloromethane	0.572	0.653		14.16	20
4-Methyl-2-Pentanone	0.477	0.460		-3.56	20
Toluene	0.917	1.068		16.47	20
t-1,3-Dichloropropene	0.584	0.658		12.67	20
cis-1,3-Dichloropropene	0.624	0.727		16.51	20
1,1,2-Trichloroethane	0.354	0.390		10.17	20
2-Hexanone	0.343	0.326		-4.96	20
Dibromochloromethane	0.407	0.478		17.44	20
1,2-Dibromoethane	0.360	0.413		14.72	20
Tetrachloroethene	0.326	0.385		18.1	20
Chlorobenzene	1.136	1.300	0.3	14.44	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3324

Instrument ID: MSVOA_X Calibration Date/Time: 10/10/2025 10:45

Lab File ID: VX048100.D Init. Calib. Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:23 12:01

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.276		16.12	20
m/p-Xylenes	0.729	0.856		17.42	20
o-Xylene	0.706	0.816		15.58	20
Styrene	1.236	1.415		14.48	20
Bromoform	0.293	0.318	0.1	8.53	20
Isopropylbenzene	3.801	4.257		12	20
1,1,2,2-Tetrachloroethane	1.150	1.154	0.3	0.35	20
1,3-Dichlorobenzene	1.739	1.911		9.89	20
1,4-Dichlorobenzene	1.785	1.930		8.12	20
1,2-Dichlorobenzene	1.657	1.793		8.21	20
1,2-Dibromo-3-Chloropropane	0.233	0.211		-9.44	20
1,2,4-Trichlorobenzene	1.077	1.124		4.36	20
1,2,3-Trichlorobenzene	1.002	1.066		6.39	20
1,2-Dichloroethane-d4	0.796	0.748		-6.03	20
Dibromofluoromethane	0.335	0.343		2.39	20
Toluene-d8	1.160	1.162		0.17	20
4-Bromofluorobenzene	0.440	0.449		2.05	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG No.: Q3324
Instrument ID: MSVOA_X
Calibration Date/Time: 10/10/2025 19:40
Lab File ID: VX048124.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.617		19.11	50
Chloromethane	0.680	0.743	0.1	9.27	50
Vinyl Chloride	0.666	0.797		19.67	50
Bromomethane	0.422	0.510		20.85	50
Chloroethane	0.445	0.508		14.16	50
Trichlorofluoromethane	0.989	1.152		16.48	50
1,1,2-Trichlorotrifluoroethane	0.578	0.650		12.46	50
1,1-Dichloroethene	0.594	0.679		14.31	50
Acetone	0.346	0.280		-19.08	50
Carbon Disulfide	1.626	1.966		20.91	50
Methyl tert-butyl Ether	2.169	2.347		8.21	50
Methyl Acetate	0.770	0.721		-6.36	50
Methylene Chloride	0.732	0.826		12.84	50
trans-1,2-Dichloroethene	0.640	0.741		15.78	50
1,1-Dichloroethane	1.263	1.427	0.1	12.98	50
Cyclohexane	1.052	1.175		11.69	50
2-Butanone	0.432	0.424		-1.85	50
Carbon Tetrachloride	0.532	0.566		6.39	50
cis-1,2-Dichloroethene	0.783	0.891		13.79	50
Bromochloromethane	0.551	0.649		17.79	50
Chloroform	1.276	1.469		15.13	50
1,1,1-Trichloroethane	1.082	1.227		13.4	50
Methylcyclohexane	0.556	0.594		6.84	50
Benzene	1.488	1.653		11.09	50
1,2-Dichloroethane	0.566	0.617		9.01	50
Trichloroethene	0.360	0.392		8.89	50
1,2-Dichloropropane	0.381	0.421		10.5	50
Bromodichloromethane	0.572	0.631		10.31	50
4-Methyl-2-Pentanone	0.477	0.494		3.56	50
Toluene	0.917	1.029		12.21	50
t-1,3-Dichloropropene	0.584	0.624		6.85	50
cis-1,3-Dichloropropene	0.624	0.688		10.26	50
1,1,2-Trichloroethane	0.354	0.387		9.32	50
2-Hexanone	0.343	0.337		-1.75	50
Dibromochloromethane	0.407	0.467		14.74	50
1,2-Dibromoethane	0.360	0.412		14.44	50
Tetrachloroethene	0.326	0.347		6.44	50
Chlorobenzene	1.136	1.198	0.3	5.46	50

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3324

Instrument ID: MSVOA_X Calibration Date/Time: 10/10/2025 19:40

Lab File ID: VX048124.D Init. Calib. Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:23 12:01

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.041		4.13	50
m/p-Xylenes	0.729	0.782		7.27	50
o-Xylene	0.706	0.740		4.82	50
Styrene	1.236	1.307		5.74	50
Bromoform	0.293	0.299	0.1	2.05	50
Isopropylbenzene	3.801	3.460		-8.97	50
1,1,2,2-Tetrachloroethane	1.150	1.042	0.3	-9.39	50
1,3-Dichlorobenzene	1.739	1.598		-8.11	50
1,4-Dichlorobenzene	1.785	1.614		-9.58	50
1,2-Dichlorobenzene	1.657	1.535		-7.36	50
1,2-Dibromo-3-Chloropropane	0.233	0.200		-14.16	50
1,2,4-Trichlorobenzene	1.077	0.936		-13.09	50
1,2,3-Trichlorobenzene	1.002	0.875		-12.68	50
1,2-Dichloroethane-d4	0.796	0.857		7.66	50
Dibromofluoromethane	0.335	0.345		2.98	50
Toluene-d8	1.160	1.159		-0.09	50
4-Bromofluorobenzene	0.440	0.478		8.64	50

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG No.: Q3324
Instrument ID: MSVOA_X
Calibration Date/Time: 10/13/2025 08:55
Lab File ID: VX048126.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.671		29.54	20
Chloromethane	0.680	0.785	0.1	15.44	20
Vinyl Chloride	0.666	0.852		27.93	20
Bromomethane	0.422	0.549		30.09	20
Chloroethane	0.445	0.526		18.2	20
Trichlorofluoromethane	0.989	1.276		29.02	20
1,1,2-Trichlorotrifluoroethane	0.578	0.719		24.39	20
1,1-Dichloroethene	0.594	0.704		18.52	20
Acetone	0.346	0.388		12.14	20
Carbon Disulfide	1.626	2.125		30.69	20
Methyl tert-butyl Ether	2.169	2.184		0.69	20
Methyl Acetate	0.770	0.662		-14.03	20
Methylene Chloride	0.732	0.792		8.2	20
trans-1,2-Dichloroethene	0.640	0.737		15.16	20
1,1-Dichloroethane	1.263	1.374	0.1	8.79	20
Cyclohexane	1.052	1.154		9.7	20
2-Butanone	0.432	0.420		-2.78	20
Carbon Tetrachloride	0.532	0.619		16.35	20
cis-1,2-Dichloroethene	0.783	0.834		6.51	20
Bromochloromethane	0.551	0.541		-1.82	20
Chloroform	1.276	1.362		6.74	20
1,1,1-Trichloroethane	1.082	1.202		11.09	20
Methylcyclohexane	0.556	0.656		17.99	20
Benzene	1.488	1.660		11.56	20
1,2-Dichloroethane	0.566	0.595		5.12	20
Trichloroethene	0.360	0.401		11.39	20
1,2-Dichloropropane	0.381	0.408		7.09	20
Bromodichloromethane	0.572	0.627		9.61	20
4-Methyl-2-Pentanone	0.477	0.439		-7.97	20
Toluene	0.917	1.001		9.16	20
t-1,3-Dichloropropene	0.584	0.620		6.16	20
cis-1,3-Dichloropropene	0.624	0.679		8.81	20
1,1,2-Trichloroethane	0.354	0.367		3.67	20
2-Hexanone	0.343	0.324		-5.54	20
Dibromochloromethane	0.407	0.454		11.55	20
1,2-Dibromoethane	0.360	0.377		4.72	20
Tetrachloroethene	0.326	0.378		15.95	20
Chlorobenzene	1.136	1.244	0.3	9.51	20

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3324

Instrument ID: MSVOA_X Calibration Date/Time: 10/13/2025 08:55

Lab File ID: VX048126.D Init. Calib. Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:23 12:01

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.198		12.14	20
m/p-Xylenes	0.729	0.828		13.58	20
o-Xylene	0.706	0.776		9.91	20
Styrene	1.236	1.362		10.19	20
Bromoform	0.293	0.319	0.1	8.87	20
Isopropylbenzene	3.801	4.167		9.63	20
1,1,2,2-Tetrachloroethane	1.150	1.117	0.3	-2.87	20
1,3-Dichlorobenzene	1.739	1.803		3.68	20
1,4-Dichlorobenzene	1.785	1.846		3.42	20
1,2-Dichlorobenzene	1.657	1.723		3.98	20
1,2-Dibromo-3-Chloropropane	0.233	0.207		-11.16	20
1,2,4-Trichlorobenzene	1.077	1.054		-2.14	20
1,2,3-Trichlorobenzene	1.002	0.995		-0.7	20
1,2-Dichloroethane-d4	0.796	0.792		-0.5	20
Dibromofluoromethane	0.335	0.370		10.45	20
Toluene-d8	1.160	1.233		6.29	20
4-Bromofluorobenzene	0.440	0.456		3.64	20

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG No.: Q3324
Instrument ID: MSVOA_X
Calibration Date/Time: 10/13/2025 18:15
Lab File ID: VX048151.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.591		14.09	50
Chloromethane	0.680	0.729	0.1	7.21	50
Vinyl Chloride	0.666	0.761		14.26	50
Bromomethane	0.422	0.523		23.93	50
Chloroethane	0.445	0.499		12.14	50
Trichlorofluoromethane	0.989	1.124		13.65	50
1,1,2-Trichlorotrifluoroethane	0.578	0.632		9.34	50
1,1-Dichloroethene	0.594	0.661		11.28	50
Acetone	0.346	0.276		-20.23	50
Carbon Disulfide	1.626	1.923		18.27	50
Methyl tert-butyl Ether	2.169	2.308		6.41	50
Methyl Acetate	0.770	0.726		-5.71	50
Methylene Chloride	0.732	0.791		8.06	50
trans-1,2-Dichloroethene	0.640	0.708		10.63	50
1,1-Dichloroethane	1.263	1.364	0.1	8	50
Cyclohexane	1.052	1.112		5.7	50
2-Butanone	0.432	0.408		-5.56	50
Carbon Tetrachloride	0.532	0.582		9.4	50
cis-1,2-Dichloroethene	0.783	0.858		9.58	50
Bromochloromethane	0.551	0.624		13.25	50
Chloroform	1.276	1.408		10.35	50
1,1,1-Trichloroethane	1.082	1.203		11.18	50
Methylcyclohexane	0.556	0.607		9.17	50
Benzene	1.488	1.651		10.95	50
1,2-Dichloroethane	0.566	0.613		8.3	50
Trichloroethene	0.360	0.410		13.89	50
1,2-Dichloropropane	0.381	0.425		11.55	50
Bromodichloromethane	0.572	0.650		13.64	50
4-Methyl-2-Pentanone	0.477	0.504		5.66	50
Toluene	0.917	1.029		12.21	50
t-1,3-Dichloropropene	0.584	0.645		10.44	50
cis-1,3-Dichloropropene	0.624	0.688		10.26	50
1,1,2-Trichloroethane	0.354	0.401		13.28	50
2-Hexanone	0.343	0.347		1.17	50
Dibromochloromethane	0.407	0.479		17.69	50
1,2-Dibromoethane	0.360	0.420		16.67	50
Tetrachloroethene	0.326	0.422		29.45	50
Chlorobenzene	1.136	1.233	0.3	8.54	50

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3324

Instrument ID: MSVOA_X Calibration Date/Time: 10/13/2025 18:15

Lab File ID: VX048151.D Init. Calib. Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:23 12:01

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.135		8.93	50
m/p-Xylenes	0.729	0.794		8.92	50
o-Xylene	0.706	0.766		8.5	50
Styrene	1.236	1.356		9.71	50
Bromoform	0.293	0.325	0.1	10.92	50
Isopropylbenzene	3.801	3.816		0.4	50
1,1,2,2-Tetrachloroethane	1.150	1.129	0.3	-1.83	50
1,3-Dichlorobenzene	1.739	1.729		-0.57	50
1,4-Dichlorobenzene	1.785	1.773		-0.67	50
1,2-Dichlorobenzene	1.657	1.688		1.87	50
1,2-Dibromo-3-Chloropropane	0.233	0.222		-4.72	50
1,2,4-Trichlorobenzene	1.077	1.045		-2.97	50
1,2,3-Trichlorobenzene	1.002	1.009		0.7	50
1,2-Dichloroethane-d4	0.796	0.738		-7.29	50
Dibromofluoromethane	0.335	0.324		-3.28	50
Toluene-d8	1.160	1.078		-7.07	50
4-Bromofluorobenzene	0.440	0.426		-3.18	50

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

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LAB CHRONICLE

OrderID:	Q3324	**OrderDate:**	10/10/2025 10:16:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	**Location:**	D41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3324-03	**BP-VPB-184-EB-2025 1009**	**Water**			**10/09/25**			**10/09/25**
			SVOC-SIMGroup1	8270-Modified		10/10/25	10/13/25	
Q3324-05	**BP-VPB-184-GW-780-782**	**Water**			**10/07/25**			**10/09/25**
			SVOC-SIMGroup1	8270-Modified		10/10/25	10/13/25	
Q3324-06	**BP-VPB-184-GW-840-842**	**Water**			**10/09/25**			**10/09/25**
			SVOC-SIMGroup1	8270-Modified		10/10/25	10/13/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3324

Client: Tetra Tech NUS, Inc.

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

SAMPLE DATA

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

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-EB-20251009	SDG No.:	Q3324
Lab Sample ID:	Q3324-03	Matrix:	Water
Analytical Method:	SW8270ESIM Level : LOW	% Solid:	0
Sample Wt/Vol:	760 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
123-91-1	1,4-Dioxane	0.26	U	1	0.090	0.26	0.26	ug/L	10/13/25 19:48	PB170061
SURROGATES										
7297-45-2	2-Methylnaphthalene-d10	0.34			30 - 150		86%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.43			30 - 150		106%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.35			55 - 111		87%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.42			53 - 106		104%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.53	*		58 - 132		133%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	5140								
1146-65-2	Naphthalene-d8	13300								
15067-26-2	Acenaphthene-d10	6680								
1517-22-2	Phenanthrene-d10	12100								
1719-03-5	Chrysene-d12	10400								
1520-96-3	Perylene-d12	9950								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/07/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-780-782	SDG No.:	Q3324
Lab Sample ID:	Q3324-05	Matrix:	Water
Analytical Method:	SW8270ESIM Level : LOW	% Solid:	0
Sample Wt/Vol:	650 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
123-91-1	1,4-Dioxane	0.31	U	1	0.10	0.31	0.31	ug/L	10/13/25 20:24	PB170061
SURROGATES										
7297-45-2	2-Methylnaphthalene-d10	0.39			30 - 150		96%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.39			30 - 150		98%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.40			55 - 111		100%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.49	*		53 - 106		123%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.61	*		58 - 132		152%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	5800								
1146-65-2	Naphthalene-d8	14900								
15067-26-2	Acenaphthene-d10	7290								
1517-22-2	Phenanthrene-d10	12200								
1719-03-5	Chrysene-d12	8880								
1520-96-3	Perylene-d12	8840								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-840-842	SDG No.:	Q3324
Lab Sample ID:	Q3324-06	Matrix:	Water
Analytical Method:	SW8270ESIM Level : LOW	% Solid:	0
Sample Wt/Vol:	710 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
123-91-1	1,4-Dioxane	0.28	U	1	0.090	0.28	0.28	ug/L	10/13/25 21:00	PB170061
SURROGATES										
7297-45-2	2-Methylnaphthalene-d10	0.32			30 - 150		80%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.38			30 - 150		95%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.32			55 - 111		79%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.40			53 - 106		99%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.44			58 - 132		111%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	5890								
1146-65-2	Naphthalene-d8	15900								
15067-26-2	Acenaphthene-d10	7550								
1517-22-2	Phenanthrene-d10	13300								
1719-03-5	Chrysene-d12	12100								
1520-96-3	Perylene-d12	7290								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3324

Client: Tetra Tech NUS, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170061BL	PB170061BL	2-Methylnaphthalene-d10	0.4	0.33	83		30	150
		Fluoranthene-d10	0.4	0.35	88		30	150
		Nitrobenzene-d5	0.4	0.37	91		55	111
		2-Fluorobiphenyl	0.4	0.41	101		53	106
		Terphenyl-d14	0.4	0.49	122		58	132
PB170061BS	PB170061BS	2-Methylnaphthalene-d10	0.4	0.39	98		30	150
		Fluoranthene-d10	0.4	0.32	81		30	150
		Nitrobenzene-d5	0.4	0.36	90		55	111
		2-Fluorobiphenyl	0.4	0.43	108	*	53	106
		Terphenyl-d14	0.4	0.49	121		58	132
PB170061BSD	PB170061BSD	2-Methylnaphthalene-d10	0.4	0.39	98		30	150
		Fluoranthene-d10	0.4	0.33	82		30	150
		Nitrobenzene-d5	0.4	0.38	95		55	111
		2-Fluorobiphenyl	0.4	0.43	108	*	53	106
		Terphenyl-d14	0.4	0.49	123		58	132
Q3324-03	BP-VPB-184-EB-20251009	2-Methylnaphthalene-d10	0.4	0.34	86		30	150
		Fluoranthene-d10	0.4	0.43	106		30	150
		Nitrobenzene-d5	0.4	0.35	87		55	111
		2-Fluorobiphenyl	0.4	0.42	104		53	106
		Terphenyl-d14	0.4	0.53	133	*	58	132
Q3324-05	BP-VPB-184-GW-780-782	2-Methylnaphthalene-d10	0.4	0.39	96		30	150
		Fluoranthene-d10	0.4	0.39	98		30	150
		Nitrobenzene-d5	0.4	0.40	100		55	111
		2-Fluorobiphenyl	0.4	0.49	123	*	53	106
		Terphenyl-d14	0.4	0.61	152	*	58	132
Q3324-06	BP-VPB-184-GW-840-842	2-Methylnaphthalene-d10	0.4	0.32	80		30	150
		Fluoranthene-d10	0.4	0.38	95		30	150
		Nitrobenzene-d5	0.4	0.32	79		55	111
		2-Fluorobiphenyl	0.4	0.40	99		53	106
		Terphenyl-d14	0.4	0.44	111		58	132

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3324 **Analytical Method:** 8270-Modified

Client: Tetra Tech NUS, Inc. **DataFile:** BN038079.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170061BS	1,4-Dioxane	0.4	0.37	ug/L	93				70	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3324 **Analytical Method:** 8270-Modified

Client: Tetra Tech NUS, Inc. **DataFile:** BN038080.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170061BSD	1,4-Dioxane	0.4	0.39	ug/L	98	5			70	130	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170061BL

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3324

Lab File ID: BN038084.D Lab Sample ID: PB170061BL

Instrument ID: BNA_N Date Extracted: 10/10/2025

Matrix: (soil/water) Water Date Analyzed: 10/14/2025

Level: (low/med) LOW Time Analyzed: 02:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170061BS	PB170061BS	BN038079.D	10/13/2025
BP-VPB-184-EB-20251009	Q3324-03	BN038076.D	10/13/2025
BP-VPB-184-GW-780-782	Q3324-05	BN038077.D	10/13/2025
BP-VPB-184-GW-840-842	Q3324-06	BN038078.D	10/13/2025
PB170061BSD	PB170061BSD	BN038080.D	10/13/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q3324

Lab File ID: BN037860.D | DFTPP Injection Date: 09/23/2025

Instrument ID: BNA_N | 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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q3324

Lab File ID: BN038065.D | DFTPP Injection Date: 10/13/2025

Instrument ID: BNA_N | DFTPP Injection Time: 13:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.2) 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	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	70.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (21) 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	BN038066.D	10/13/2025	13:47
BP-VPB-184-EB-20251009	Q3324-03	BN038076.D	10/13/2025	19:48
BP-VPB-184-GW-780-782	Q3324-05	BN038077.D	10/13/2025	20:24
BP-VPB-184-GW-840-842	Q3324-06	BN038078.D	10/13/2025	21:00
PB170061BS	PB170061BS	BN038079.D	10/13/2025	21:36
PB170061BSD	PB170061BSD	BN038080.D	10/13/2025	22:12
SSTDCCC0.4EC	SSTDCCC0.4	BN038081.D	10/13/2025	23:24

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3324

Lab File ID: BN038082.D DFTPP Injection Date: 10/14/2025

Instrument ID: BNA_N DFTPP Injection Time: 00:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.7) 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	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	83.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17 (18) 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	BN038083.D	10/14/2025	01:19
PB170061BL	PB170061BL	BN038084.D	10/14/2025	02:31
SSTDCCC0.4EC	SSTDCCC0.4	BN038088.D	10/14/2025	04:56

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3324

Client ID : SSTDCCC0.4 Date Analyzed: 10/13/2025

Lab File ID: BN038066.D Time Analyzed: 13:47

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	7166	7.797	18651	10.59	10244	14.45
	UPPER LIMIT	14332	8.297	37302	11.094	20488	14.952
	LOWER LIMIT	3583	7.297	9325.5	10.094	5122	13.952
	EPA SAMPLE NO.						
01	PB170061BS	6519	7.80	17676	10.59	7952	14.45
02	PB170061BSD	6262	7.80	16679	10.59	7730	14.45
03	BP-VPB-184-EB-20251009	5139	7.80	13291	10.61	6680	14.45
04	BP-VPB-184-GW-780-782	5800	7.80	14884	10.59	7288	14.45
05	BP-VPB-184-GW-840-842	5887	7.80	15917	10.59	7552	14.45

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3324

Client ID: SSTDCCC0.4 Date Analyzed: 10/13/2025

Lab File ID: BN038066.D Time Analyzed: 13:47

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	18901	17.198	16827		21.393	17326		23.712
	UPPER LIMIT	37802	17.698	33654		21.893	34652		24.212
	LOWER LIMIT	9450.5	16.698	8413.5		20.893	8663		23.212
	EPA SAMPLE NO.								
01	PB170061BS	12853	17.20	8233	*	21.39	7491	*	23.71
02	PB170061BSD	12472	17.20	7875	*	21.39	7156	*	23.71
03	BP-VPB-184-EB-20251009	12083	17.20	10438		21.39	9949		23.71
04	BP-VPB-184-GW-780-782	12210	17.20	8879		21.39	8844		23.71
05	BP-VPB-184-GW-840-842	13324	17.20	12137		21.39	7289	*	23.71

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3324

Client ID : SSTDCCC0.4 Date Analyzed: 10/14/2025

Lab File ID: BN038083.D Time Analyzed: 01:19

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	7061	7.797	18151	10.59	9016	14.45
	UPPER LIMIT	14122	8.297	36302	11.094	18032	14.952
	LOWER LIMIT	3530.5	7.297	9075.5	10.094	4508	13.952
	EPA SAMPLE NO.						
01	PB170061BL	6692	7.80	16789	10.61	7676	14.45

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3324

Client ID: SSTDCCC0.4 Date Analyzed: 10/14/2025

Lab File ID: BN038083.D Time Analyzed: 01:19

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	16225	17.198	13579	21.384	13727		23.709
	UPPER LIMIT	32450	17.698	27158	21.884	27454		24.209
	LOWER LIMIT	8112.5	16.698	6789.5	20.884	6863.5		23.209
	EPA SAMPLE NO.							
01	PB170061BL	11455	17.21	7795	21.39	6815	*	23.71

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

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

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

QC SAMPLE DATA

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB170061BL	SDG No.:	Q3324
Lab Sample ID:	PB170061BL	Matrix:	Water
Analytical Method:	SW8270ESIM Level : LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
123-91-1	1,4-Dioxane	0.20	U	1	0.070	0.20	0.20	ug/L	10/14/25 02:31	PB170061
SURROGATES										
7297-45-2	2-Methylnaphthalene-d10	0.33			30 - 150		83%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.35			30 - 150		88%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			55 - 111		91%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.41			53 - 106		101%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.49			58 - 132		122%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	6690								
1146-65-2	Naphthalene-d8	16800								
15067-26-2	Acenaphthene-d10	7680								
1517-22-2	Phenanthrene-d10	11500								
1719-03-5	Chrysene-d12	7800								
1520-96-3	Perylene-d12	6820								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB170061BS	SDG No.:	Q3324
Lab Sample ID:	PB170061BS	Matrix:	Water
Analytical Method:	SW8270ESIM Level : LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
123-91-1	1,4-Dioxane	0.37		1	0.070	0.20	0.20	ug/L	10/13/25 21:36	PB170061
SURROGATES										
7297-45-2	2-Methylnaphthalene-d10	0.39			30 - 150		98%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.32			30 - 150		81%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			55 - 111		90%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.43	*		53 - 106		108%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.49			58 - 132		121%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	6520								
1146-65-2	Naphthalene-d8	17700								
15067-26-2	Acenaphthene-d10	7950								
1517-22-2	Phenanthrene-d10	12900								
1719-03-5	Chrysene-d12	8230								
1520-96-3	Perylene-d12	7490								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB170061BSD	SDG No.:	Q3324
Lab Sample ID:	PB170061BSD	Matrix:	Water
Analytical Method:	SW8270ESIM Level : LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
123-91-1	1,4-Dioxane	0.39		1	0.070	0.20	0.20	ug/L	10/13/25 22:12	PB170061
SURROGATES										
7297-45-2	2-Methylnaphthalene-d10	0.39			30 - 150		98%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.33			30 - 150		82%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.38			55 - 111		95%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.43	*		53 - 106		108%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.49			58 - 132		123%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	6260								
1146-65-2	Naphthalene-d8	16700								
15067-26-2	Acenaphthene-d10	7730								
1517-22-2	Phenanthrene-d10	12500								
1719-03-5	Chrysene-d12	7880								
1520-96-3	Perylene-d12	7160								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-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)	SURR	2-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

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3324

Instrument ID: BNA_N Calibration Date/Time: 10/13/2025 13:47

Lab File ID: BN038066.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	0.571		2.7	20.0
Fluoranthene-d10	1.006	1.065		5.9	20.0
2-Fluorophenol	0.913	0.893		-2.2	20.0
Phenol-d6	1.199	0.939		-21.7	20.0
Nitrobenzene-d5	0.305	0.238		-22.0	20.0
2-Fluorobiphenyl	1.638	1.428		-12.8	20.0
2,4,6-Tribromophenol	0.152	0.137		-9.9	20.0
Terphenyl-d14	0.797	0.724		-9.2	20.0
1,4-Dioxane	0.406	0.465		14.5	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3324

Instrument ID: BNA_N Calibration Date/Time: 10/13/2025 23:24

Lab File ID: BN038081.D Init. Calib. Date(s): 09/23/2025 09/23/2025

EPA Sample No.: SSTDCCC0.4EC 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	0.494		-11.2	50.0
Fluoranthene-d10	1.006	0.861		-14.4	50.0
2-Fluorophenol	0.913	0.864		-5.4	50.0
Phenol-d6	1.199	0.927		-22.7	50.0
Nitrobenzene-d5	0.305	0.270		-11.5	50.0
2-Fluorobiphenyl	1.638	1.596		-2.6	50.0
2,4,6-Tribromophenol	0.152	0.107		-29.6	50.0
Terphenyl-d14	0.797	0.757		-5.0	50.0
1,4-Dioxane	0.406	0.485		19.5	50.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3324

Instrument ID: BNA_N Calibration Date/Time: 10/14/2025 01:19

Lab File ID: BN038083.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	0.546		-1.8	20.0
Fluoranthene-d10	1.006	1.016		1.0	20.0
2-Fluorophenol	0.913	0.823		-9.9	20.0
Phenol-d6	1.199	0.940		-21.6	20.0
Nitrobenzene-d5	0.305	0.248		-18.7	20.0
2-Fluorobiphenyl	1.638	1.500		-8.4	20.0
2,4,6-Tribromophenol	0.152	0.116		-23.7	20.0
Terphenyl-d14	0.797	0.709		-11.0	20.0
1,4-Dioxane	0.406	0.473		16.5	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3324

Instrument ID: BNA_N Calibration Date/Time: 10/14/2025 04:56

Lab File ID: BN038088.D Init. Calib. Date(s): 09/23/2025 09/23/2025

EPA Sample No.: SSTDCCC0.4EC 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	0.537		-3.4	50.0
Fluoranthene-d10	1.006	0.979		-2.7	50.0
2-Fluorophenol	0.913	0.880		-3.6	50.0
Phenol-d6	1.199	0.975		-18.7	50.0
Nitrobenzene-d5	0.305	0.255		-16.4	50.0
2-Fluorobiphenyl	1.638	1.577		-3.7	50.0
2,4,6-Tribromophenol	0.152	0.119		-21.7	50.0
Terphenyl-d14	0.797	0.748		-6.1	50.0
1,4-Dioxane	0.406	0.494		21.7	50.0

All other compounds must meet a minimum RRF of 0.010.