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:	10/17/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/20/25
Client Sample ID:	BP-VPB-184-GW-980-982	SDG No.:	Q3413
Lab Sample ID:	Q3413-01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 7.4
Sample Wt/Vol:	5.21 g	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	51.9	U	1	14.8	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
74-87-3	Chloromethane	32.4	U	1	14.8	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
75-01-4	Vinyl Chloride	32.4	U	1	10.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
74-83-9	Bromomethane	51.9	U	1	13.9	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
75-00-3	Chloroethane	32.4	U	1	16.3	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
75-69-4	Trichlorofluoromethane	51.9	U	1	15.7	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
76-13-1	1,1,2-Trichlorotrifluoroethane	32.4	U	1	13.7	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
75-35-4	1,1-Dichloroethene	32.4	U	1	13.0	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
67-64-1	Acetone	260	U	1	61.5	260	320	ug/Kg	10/24/25 11:21	VY102425
75-15-0	Carbon Disulfide	51.9	U	1	13.7	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
1634-04-4	Methyl tert-butyl Ether	32.4	U	1	9.50	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
79-20-9	Methyl Acetate	51.9	U	1	20.0	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
75-09-2	Methylene Chloride	100	U	1	45.8	100	130	ug/Kg	10/24/25 11:21	VY102425
156-60-5	trans-1,2-Dichloroethene	32.4	U	1	11.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
75-34-3	1,1-Dichloroethane	32.4	U	1	10.4	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
110-82-7	Cyclohexane	32.4	U	1	10.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
78-93-3	2-Butanone	260	U	1	84.8	260	320	ug/Kg	10/24/25 11:21	VY102425
56-23-5	Carbon Tetrachloride	32.4	U	1	12.6	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
156-59-2	cis-1,2-Dichloroethene	32.4	U	1	9.70	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
74-97-5	Bromochloromethane	51.9	U	1	14.9	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
67-66-3	Chloroform	51.9	U	1	10.9	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
71-55-6	1,1,1-Trichloroethane	32.4	U	1	12.1	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
108-87-2	Methylcyclohexane	32.4	U	1	11.8	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
71-43-2	Benzene	32.4	U	1	10.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
107-06-2	1,2-Dichloroethane	32.4	U	1	10.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
79-01-6	Trichloroethene	32.4	U	1	10.5	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
78-87-5	1,2-Dichloropropane	32.4	U	1	11.8	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
75-27-4	Bromodichloromethane	32.4	U	1	10.1	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
108-10-1	4-Methyl-2-Pentanone	160	U	1	46.4	160	320	ug/Kg	10/24/25 11:21	VY102425
108-88-3	Toluene	32.4	U	1	10.1	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
10061-02-6	t-1,3-Dichloropropene	32.4	U	1	8.40	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
10061-01-5	cis-1,3-Dichloropropene	32.4	U	1	8.00	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
79-00-5	1,1,2-Trichloroethane	32.4	U	1	11.9	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
591-78-6	2-Hexanone	160	U	1	47.9	160	320	ug/Kg	10/24/25 11:21	VY102425
124-48-1	Dibromochloromethane	32.4	U	1	11.3	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
106-93-4	1,2-Dibromoethane	32.4	U	1	11.4	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
127-18-4	Tetrachloroethene	32.4	U	1	13.6	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
108-90-7	Chlorobenzene	32.4	U	1	11.8	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
100-41-4	Ethyl Benzene	32.4	U	1	8.70	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
179601-23-1	m/p-Xylenes	64.8	U	1	16.1	64.8	130	ug/Kg	10/24/25 11:21	VY102425
95-47-6	o-Xylene	32.4	U	1	10.6	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
100-42-5	Styrene	32.4	U	1	9.20	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
75-25-2	Bromoform	32.4	U	1	11.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	32.4	U	1	10.1	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
79-34-5	1,1,2,2-Tetrachloroethane	32.4	U	1	15.7	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
541-73-1	1,3-Dichlorobenzene	32.4	U	1	22.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
106-46-7	1,4-Dichlorobenzene	32.4	U	1	20.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
95-50-1	1,2-Dichlorobenzene	32.4	U	1	18.8	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
96-12-8	1,2-Dibromo-3-Chloropropane	51.9	U	1	23.9	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
120-82-1	1,2,4-Trichlorobenzene	51.9	U	1	38.5	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
87-61-6	1,2,3-Trichlorobenzene	51.9	U	1	41.2	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	54.4			71 - 136		109%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.0			78 - 119		104%	SPK: 50		
2037-26-5	Toluene-d8	48.5			85 - 116		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.0			79 - 119		92%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	813000								
540-36-3	1,4-Difluorobenzene	1310000								
3114-55-4	Chlorobenzene-d5	1130000								
3855-82-1	1,4-Dichlorobenzene-d4	487000								
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