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:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY1024SBSD01	SDG No.:	Q3413
Lab Sample ID:	VY1024SBSD01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 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	19.0		1	1.10	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
74-87-3	Chloromethane	17.9		1	1.10	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
75-01-4	Vinyl Chloride	18.8		1	0.79	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
74-83-9	Bromomethane	21.4		1	1.10	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
75-00-3	Chloroethane	19.6		1	1.30	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
75-69-4	Trichlorofluoromethane	20.3		1	1.20	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
76-13-1	1,1,2-Trichlorotrifluoroethane	21.2		1	1.10	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
75-35-4	1,1-Dichloroethene	20.8		1	1.00	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
67-64-1	Acetone	130		1	4.70	20.0	25.0	ug/Kg	10/24/25 10:14	VY102425
75-15-0	Carbon Disulfide	19.0		1	1.10	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
1634-04-4	Methyl tert-butyl Ether	21.1		1	0.73	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
79-20-9	Methyl Acetate	17.5		1	1.50	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
75-09-2	Methylene Chloride	19.3		1	3.50	8.00	10.0	ug/Kg	10/24/25 10:14	VY102425
156-60-5	trans-1,2-Dichloroethene	21.1		1	0.86	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
75-34-3	1,1-Dichloroethane	20.6		1	0.80	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
110-82-7	Cyclohexane	19.2		1	0.79	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
78-93-3	2-Butanone	120		1	6.50	20.0	25.0	ug/Kg	10/24/25 10:14	VY102425
56-23-5	Carbon Tetrachloride	21.4		1	0.97	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
156-59-2	cis-1,2-Dichloroethene	21.7		1	0.75	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
74-97-5	Bromochloromethane	20.0		1	1.20	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
67-66-3	Chloroform	21.3		1	0.84	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
71-55-6	1,1,1-Trichloroethane	21.2		1	0.93	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
108-87-2	Methylcyclohexane	20.7		1	0.91	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
71-43-2	Benzene	21.3		1	0.79	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
107-06-2	1,2-Dichloroethane	20.4		1	0.79	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
79-01-6	Trichloroethene	21.9		1	0.81	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
78-87-5	1,2-Dichloropropane	21.0		1	0.91	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
75-27-4	Bromodichloromethane	21.6		1	0.78	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
108-10-1	4-Methyl-2-Pentanone	100		1	3.60	12.5	25.0	ug/Kg	10/24/25 10:14	VY102425
108-88-3	Toluene	21.9		1	0.78	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
10061-02-6	t-1,3-Dichloropropene	21.3		1	0.65	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
10061-01-5	cis-1,3-Dichloropropene	21.8		1	0.62	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
79-00-5	1,1,2-Trichloroethane	23.0		1	0.92	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
591-78-6	2-Hexanone	120		1	3.70	12.5	25.0	ug/Kg	10/24/25 10:14	VY102425
124-48-1	Dibromochloromethane	22.7		1	0.87	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
106-93-4	1,2-Dibromoethane	22.5		1	0.88	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
127-18-4	Tetrachloroethene	21.3		1	1.10	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
108-90-7	Chlorobenzene	21.9		1	0.91	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
100-41-4	Ethyl Benzene	21.5		1	0.67	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
179601-23-1	m/p-Xylenes	44.4		1	1.20	5.00	10.0	ug/Kg	10/24/25 10:14	VY102425
95-47-6	o-Xylene	22.0		1	0.82	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
100-42-5	Styrene	21.9		1	0.71	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
75-25-2	Bromoform	22.6		1	0.86	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	21.8		1	0.78	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
79-34-5	1,1,2,2-Tetrachloroethane	22.4		1	1.20	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
541-73-1	1,3-Dichlorobenzene	22.0		1	1.70	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
106-46-7	1,4-Dichlorobenzene	21.8		1	1.60	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
95-50-1	1,2-Dichlorobenzene	22.3		1	1.50	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
96-12-8	1,2-Dibromo-3-Chloropropane	22.0		1	1.80	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
120-82-1	1,2,4-Trichlorobenzene	21.9		1	3.00	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
87-61-6	1,2,3-Trichlorobenzene	21.4		1	3.20	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	44.4			71 - 136		89%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.4			78 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	47.6			85 - 116		95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.8			79 - 119		96%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	537000								
540-36-3	1,4-Difluorobenzene	784000								
3114-55-4	Chlorobenzene-d5	687000								
3855-82-1	1,4-Dichlorobenzene-d4	361000								

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