

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	CTO WE13		Date Received:	
Client Sample ID:	VN1025WBS01		SDG No.:	P4549
Lab Sample ID:	VN1025WBS01		Matrix:	Water
Analytical Method:	E624.1		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group4
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN084505.D	1		10/25/24 10:40	VN102524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.5		1.20	5.00	ug/L
74-87-3	Chloromethane	17.5		1.20	5.00	ug/L
75-01-4	Vinyl Chloride	18.2		1.20	5.00	ug/L
74-83-9	Bromomethane	17.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.5		2.90	5.00	ug/L
75-69-4	Trichlorofluoromethane	18.7		1.00	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.9		1.10	5.00	ug/L
75-35-4	1,1-Dichloroethene	18.5		1.10	5.00	ug/L
107-02-8	Acrolein	99.2		9.30	25.0	ug/L
107-13-1	Acrylonitrile	89.2		3.70	25.0	ug/L
67-64-1	Acetone	110		4.90	25.0	ug/L
75-15-0	Carbon Disulfide	16.5		0.93	5.00	ug/L
1634-04-4	Methyl tert-Butyl Ether	18.8		0.83	5.00	ug/L
79-20-9	Methyl Acetate	21.2		1.20	5.00	ug/L
75-09-2	Methylene Chloride	19.0		1.20	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.8		0.95	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.8		0.81	5.00	ug/L
110-82-7	Cyclohexane	17.5		1.00	5.00	ug/L
78-93-3	2-Butanone	95.6		3.60	25.0	ug/L
56-23-5	Carbon Tetrachloride	18.7		0.91	5.00	ug/L
594-20-7	2,2-Dichloropropane	19.4		1.10	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.5		0.90	5.00	ug/L
67-66-3	Chloroform	19.4		0.72	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.1		0.79	5.00	ug/L
108-87-2	Methylcyclohexane	17.4		0.89	5.00	ug/L
563-58-6	1,1-Dichloropropene	17.8		0.75	5.00	ug/L
71-43-2	Benzene	18.2		0.69	5.00	ug/L
107-06-2	1,2-Dichloroethane	18.8		0.75	5.00	ug/L
79-01-6	Trichloroethene	18.5		0.77	5.00	ug/L
78-87-5	1,2-Dichloropropane	18.4		0.65	5.00	ug/L

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74-95-3	Dibromomethane	18.4		0.70	5.00	ug/L
75-27-4	Bromodichloromethane	19.2		0.81	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	92.6		4.20	25.0	ug/L
108-88-3	Toluene	18.8		0.72	5.00	ug/L
10061-02-6	t-1,3-Dichloropropene	17.8		0.79	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.1		0.83	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.7		0.68	5.00	ug/L
142-28-9	1,3-Dichloropropane	18.7		0.68	5.00	ug/L
591-78-6	2-Hexanone	94.4		3.90	25.0	ug/L
124-48-1	Dibromochloromethane	18.9		0.72	5.00	ug/L
106-93-4	1,2-Dibromoethane	18.0		0.78	5.00	ug/L
127-18-4	Tetrachloroethene	19.3		0.94	5.00	ug/L
108-90-7	Chlorobenzene	18.5		0.67	5.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	19.3		0.91	5.00	ug/L
67-72-1	Hexachloroethane	18.3		0.91	5.00	ug/L
100-41-4	Ethyl Benzene	18.6		0.73	5.00	ug/L
179601-23-1	m/p-Xylenes	37.6		1.70	10.0	ug/L
95-47-6	o-Xylene	18.4		0.82	5.00	ug/L
100-42-5	Styrene	18.8		0.80	5.00	ug/L
75-25-2	Bromoform	17.9		1.00	5.00	ug/L
98-82-8	Isopropylbenzene	19.0		0.85	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.9		0.60	5.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.0		1.70	5.00	ug/L
108-86-1	Bromobenzene	19.1		0.69	5.00	ug/L
103-65-1	n-propylbenzene	19.0		0.80	5.00	ug/L
95-49-8	2-Chlorotoluene	19.0		0.81	5.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	19.1		0.74	5.00	ug/L
106-43-4	4-Chlorotoluene	18.8		0.82	5.00	ug/L
98-06-6	tert-butylbenzene	19.2		0.77	5.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	19.0		0.83	5.00	ug/L
135-98-8	sec-Butylbenzene	19.0		0.77	5.00	ug/L

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99-87-6	p-Isopropyltoluene	18.6		0.82	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.1		0.88	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.9		0.95	5.00	ug/L
104-51-8	n-Butylbenzene	18.4		0.86	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.1		0.88	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		0.91	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.9		1.10	5.00	ug/L
87-68-3	Hexachlorobutadiene	18.5		1.10	5.00	ug/L
91-20-3	Naphthalene	16.8		1.40	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.9		1.40	5.00	ug/L
74-88-4	Methyl Iodide	17.8		0.94	5.00	ug/L
80-62-6	Methyl methacrylate	17.2		1.00	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.3		91 - 110	101%	SPK: 30
2037-26-5	Toluene-d8	29.9		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.6		63 - 112	102%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	35000	7.812			
540-36-3	1,4-Difluorobenzene	196000	9.1			
3114-55-4	Chlorobenzene-d5	178000	11.865			

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