

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	
Project:	NJ Waste Water PT		Date Received:	
Client Sample ID:	VX0319WBSD01		SDG No.:	Q1502
Lab Sample ID:	VX0319WBSD01		Matrix:	Water
Analytical Method:	E624.1		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045342.D	1		03/19/25 12:15	VX031925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	15.1		0.77	5.00	ug/L
74-87-3	Chloromethane	15.4		0.64	5.00	ug/L
75-01-4	Vinyl Chloride	14.4		0.83	5.00	ug/L
74-83-9	Bromomethane	19.4		0.80	5.00	ug/L
75-00-3	Chloroethane	15.0		2.30	5.00	ug/L
75-69-4	Trichlorofluoromethane	16.0		0.80	5.00	ug/L
75-35-4	1,1-Dichloroethene	16.3		0.76	5.00	ug/L
107-02-8	Acrolein	88.7		6.60	25.0	ug/L
107-13-1	Acrylonitrile	110		2.80	25.0	ug/L
67-64-1	Acetone	100		4.60	25.0	ug/L
75-15-0	Carbon Disulfide	13.5		0.82	5.00	ug/L
1634-04-4	Methyl tert-Butyl Ether	18.6		0.77	5.00	ug/L
75-09-2	Methylene Chloride	17.8		0.86	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	16.7		0.82	5.00	ug/L
108-05-4	Vinyl Acetate	98.5		3.20	25.0	ug/L
75-34-3	1,1-Dichloroethane	17.9		0.68	5.00	ug/L
78-93-3	2-Butanone	120		2.00	25.0	ug/L
56-23-5	Carbon Tetrachloride	19.8		0.74	5.00	ug/L
594-20-7	2,2-Dichloropropane	18.0		0.66	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.3		0.80	5.00	ug/L
67-66-3	Chloroform	19.1		0.55	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.0		0.63	5.00	ug/L
563-58-6	1,1-Dichloropropene	19.0		0.63	5.00	ug/L
71-43-2	Benzene	19.3		0.45	5.00	ug/L
107-06-2	1,2-Dichloroethane	22.7		0.50	5.00	ug/L
79-01-6	Trichloroethene	18.6		0.49	5.00	ug/L
78-87-5	1,2-Dichloropropane	19.4		0.46	5.00	ug/L
74-95-3	Dibromomethane	21.4		0.59	5.00	ug/L
75-27-4	Bromodichloromethane	20.7		0.64	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		3.00	25.0	ug/L

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108-88-3	Toluene	18.4		0.46	5.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.4		0.72	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.4		0.67	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.8		0.45	5.00	ug/L
142-28-9	1,3-Dichloropropane	21.4		0.44	5.00	ug/L
110-75-8	2-Chloroethyl vinyl ether	120		4.60	25.0	ug/L
591-78-6	2-Hexanone	120		3.20	25.0	ug/L
124-48-1	Dibromochloromethane	20.3		0.66	5.00	ug/L
106-93-4	1,2-Dibromoethane	21.8		0.56	5.00	ug/L
127-18-4	Tetrachloroethene	18.9		0.84	5.00	ug/L
108-90-7	Chlorobenzene	19.0		0.47	5.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	18.9		0.62	5.00	ug/L
67-72-1	Hexachloroethane	17.9		0.98	5.00	ug/L
100-41-4	Ethyl Benzene	18.7		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	37.7		1.30	10.0	ug/L
1330-20-7	Total Xylenes	56.6		1.97	15.0	ug/L
95-47-6	o-Xylene	18.9		0.67	5.00	ug/L
100-42-5	Styrene	19.1		0.72	5.00	ug/L
75-25-2	Bromoform	20.7		0.94	5.00	ug/L
98-82-8	Isopropylbenzene	19.3		0.78	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.4		0.44	5.00	ug/L
96-18-4	1,2,3-Trichloropropane	21.2		0.62	5.00	ug/L
108-86-1	Bromobenzene	19.4		0.59	5.00	ug/L
103-65-1	n-propylbenzene	18.9		0.67	5.00	ug/L
95-49-8	2-Chlorotoluene	19.3		0.64	5.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	19.3		0.59	5.00	ug/L
106-43-4	4-Chlorotoluene	19.0		0.62	5.00	ug/L
98-06-6	tert-butylbenzene	19.2		0.71	5.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	19.3		0.77	5.00	ug/L
135-98-8	sec-Butylbenzene	19.5		0.64	5.00	ug/L
99-87-6	p-Isopropyltoluene	19.1		0.70	5.00	ug/L

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541-73-1	1,3-Dichlorobenzene	18.9		0.67	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.0		0.81	5.00	ug/L
104-51-8	n-Butylbenzene	18.2		0.82	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.9		0.67	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	21.6		0.86	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.7		1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	19.3		0.68	5.00	ug/L
91-20-3	Naphthalene	19.1		1.00	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.7		1.10	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	31.9		91 - 110	106%	SPK: 30
2037-26-5	Toluene-d8	29.6		91 - 112	99%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.5		63 - 112	102%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	15400	4.885			
540-36-3	1,4-Difluorobenzene	77100	6.757			
3114-55-4	Chlorobenzene-d5	74500	10.049			
74-97-5	Bromochloromethane	15400	4.885			

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