

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	09/02/25	
Project:	NJ Waste Water PT		Date Received:	09/04/25	
Client Sample ID:	WP0925-PT-VOA-WP		SDG No.:	Q3015	
Lab Sample ID:	Q3015-01		Matrix:	Water	
Analytical Method:	8260D		% 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:	Date Analyzed	Prep Batch ID
VX047597.D	1	09/16/25 16:07	VX091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	1.10	J	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	71.0		0.26	5.00	ug/L
74-83-9	Bromomethane	56.2		1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
75-35-4	1,1-Dichloroethene	88.1		0.23	5.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	25.0	ug/L
67-64-1	Acetone	140		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	96.5		0.16	5.00	ug/L
75-09-2	Methylene Chloride	74.5		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	88.2		0.23	5.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	25.0	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	160		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	120		0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	97.5		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
563-58-6	1,1-Dichloropropene	0.15	U	0.15	5.00	ug/L
71-43-2	Benzene	110		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	35.0		0.22	5.00	ug/L
79-01-6	Trichloroethene	90.4		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
74-95-3	Dibromomethane	120		0.25	5.00	ug/L
75-27-4	Bromodichloromethane	17.1		0.22	5.00	ug/L

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108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	35.4		0.14	5.00	ug/L
10061-02-6	t-1,3-Dichloropropene	62.0		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	99.3		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	100		0.21	5.00	ug/L
142-28-9	1,3-Dichloropropane	0.19	U	0.19	5.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	25.0	ug/L
591-78-6	2-Hexanone	110		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	68.9		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	33.3		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	74.0		0.23	5.00	ug/L
108-90-7	Chlorobenzene	23.1		0.12	5.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	53.1		0.19	5.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	5.00	ug/L
100-41-4	Ethyl Benzene	48.6		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	110		0.24	10.0	ug/L
1330-20-7	Total Xylenes	250		0.36	15.0	ug/L
95-47-6	o-Xylene	140		0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	17.8		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	0.21	J	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	71.4		0.26	5.00	ug/L
96-18-4	1,2,3-Trichloropropane	99.7		0.35	5.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	5.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	5.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	5.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	5.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	5.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	5.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	5.00	ug/L
135-98-8	sec-Butylbenzene	0.28	J	0.13	5.00	ug/L

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99-87-6	p-Isopropyltoluene	0.13	U	0.13	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.22	J	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	110		0.19	5.00	ug/L
104-51-8	n-Butylbenzene	0.43	J	0.15	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.61	J	0.20	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.40	J	0.30	5.00	ug/L
91-20-3	Naphthalene	78.4		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.59	J	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.3		74 - 125	103%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	49.5		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	167000	5.538			
540-36-3	1,4-Difluorobenzene	309000	6.751			
3114-55-4	Chlorobenzene-d5	277000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	134000	12.006			

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