

Report of Analysis

Client:	Day Environmental, Inc.		Date Collected:	08/07/25	
Project:	Andrews St Site - NYSDEC E828144		Date Received:	08/11/25	
Client Sample ID:	1056-MW-02(23.8)MS		SDG No.:	Q2816	
Lab Sample ID:	Q2816-03MS		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087521.D	1	08/12/25 17:41	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	54.0		0.22	1.00	ug/L
74-87-3	Chloromethane	45.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	52.8		0.26	1.00	ug/L
74-83-9	Bromomethane	46.1		1.40	5.00	ug/L
75-00-3	Chloroethane	51.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	47.6		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	48.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	47.3		0.23	1.00	ug/L
67-64-1	Acetone	250		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	44.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	55.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	50.7		0.27	1.00	ug/L
75-09-2	Methylene Chloride	49.4		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	47.7		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	49.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	48.0		1.50	5.00	ug/L
78-93-3	2-Butanone	250		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	44.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	81.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	55.6		0.22	1.00	ug/L
67-66-3	Chloroform	51.9		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	50.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	47.0		0.16	1.00	ug/L
71-43-2	Benzene	45.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	47.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	72.7		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	46.2		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	47.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	240		0.68	5.00	ug/L
108-88-3	Toluene	46.8		0.14	1.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	48.1		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	47.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	45.8		0.21	1.00	ug/L
591-78-6	2-Hexanone	240		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	46.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	47.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	99.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	44.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	47.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	95.5		0.24	2.00	ug/L
95-47-6	o-Xylene	49.9		0.12	1.00	ug/L
100-42-5	Styrene	51.6		0.15	1.00	ug/L
75-25-2	Bromoform	44.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	50.4		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	47.7		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	45.9		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	43.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	46.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	44.0		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.4		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	44.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.2		74 - 125	100%	SPK: 50
1868-53-7	Dibromofluoromethane	44.3		75 - 124	89%	SPK: 50
2037-26-5	Toluene-d8	43.5		86 - 113	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	258000	8.212			
540-36-3	1,4-Difluorobenzene	516000	9.088			
3114-55-4	Chlorobenzene-d5	470000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	243000	13.77			

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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