

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DMS	SDG No.:	Q3202
Lab Sample ID:	Q3202-13MS	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
VX048032.D	1	10/06/25 17:56	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	47.9		0.26	1.00	ug/L
75-00-3	Chloroethane	51.0		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	48.4		0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	49.5		0.23	1.00	ug/L
107-13-1	Acrylonitrile	310		0.83	5.00	ug/L
67-64-1	Acetone	230		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	43.6		0.21	1.00	ug/L
75-09-2	Methylene Chloride	54.9		0.28	1.00	ug/L
108-05-4	Vinyl Acetate	270		0.66	5.00	ug/L
78-93-3	2-Butanone	290		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	46.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	53.8		0.19	1.00	ug/L
74-97-5	Bromochloromethane	59.9		0.22	1.00	ug/L
67-66-3	Chloroform	57.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	52.8		0.20	1.00	ug/L
71-43-2	Benzene	51.0		0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	53.5		0.20	1.00	ug/L
74-95-3	Dibromomethane	54.6		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	55.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	300		0.68	5.00	ug/L
108-88-3	Toluene	50.7		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	51.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	51.1		0.16	1.00	ug/L
591-78-6	2-Hexanone	280		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	58.4		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	56.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	42.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	48.6		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	51.5		0.19	1.00	ug/L
100-41-4	Ethyl Benzene	46.2		0.13	1.00	ug/L

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1330-20-7	Total Xylenes	142		0.36	3.00	ug/L
95-47-6	o-Xylene	47.9		0.12	1.00	ug/L
100-42-5	Styrene	49.0		0.15	1.00	ug/L
75-25-2	Bromoform	54.3		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	49.7		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	50.1		0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	43.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	44.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	46.6		0.53	1.00	ug/L
74-88-4	Methyl Iodide	37.8		0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	41.3		0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.4		74 - 125	125%	SPK: 50
1868-53-7	Dibromofluoromethane	58.8		75 - 124	118%	SPK: 50
2037-26-5	Toluene-d8	54.1		86 - 113	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.0		77 - 121	116%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	118000	5.544			
540-36-3	1,4-Difluorobenzene	220000	6.745			
3114-55-4	Chlorobenzene-d5	211000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	111000	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