

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SED-3
Lab Sample ID: Q3586-03
Analytical Method: 8260D
Sample Wt/Vol: 6.46 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/06/25
Date Received: 11/07/25
SDG No.: Q3586
Matrix: SOIL
% Solid: 50.9
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.70	U	1	1.70	7.60	ug/Kg	11/12/25 14:01	VY111225
74-87-3	Chloromethane	1.70	U	1	1.70	7.60	ug/Kg	11/12/25 14:01	VY111225
75-01-4	Vinyl Chloride	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
74-83-9	Bromomethane	1.60	U	1	1.60	7.60	ug/Kg	11/12/25 14:01	VY111225
75-00-3	Chloroethane	1.90	U	1	1.90	7.60	ug/Kg	11/12/25 14:01	VY111225
75-69-4	Trichlorofluoromethane	1.80	U	1	1.80	7.60	ug/Kg	11/12/25 14:01	VY111225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.60	U	1	1.60	7.60	ug/Kg	11/12/25 14:01	VY111225
75-35-4	1,1-Dichloroethene	1.50	U	1	1.50	7.60	ug/Kg	11/12/25 14:01	VY111225
67-64-1	Acetone	24.0	J	1	7.20	38.0	ug/Kg	11/12/25 14:01	VY111225
75-15-0	Carbon Disulfide	5.50	J	1	1.60	7.60	ug/Kg	11/12/25 14:01	VY111225
1634-04-4	Methyl tert-butyl Ether	1.10	U	1	1.10	7.60	ug/Kg	11/12/25 14:01	VY111225
79-20-9	Methyl Acetate	2.30	U	1	2.30	7.60	ug/Kg	11/12/25 14:01	VY111225
75-09-2	Methylene Chloride	5.40	U	1	5.40	15.2	ug/Kg	11/12/25 14:01	VY111225
156-60-5	trans-1,2-Dichloroethene	1.30	U	1	1.30	7.60	ug/Kg	11/12/25 14:01	VY111225
75-34-3	1,1-Dichloroethane	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
110-82-7	Cyclohexane	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
78-93-3	2-Butanone	9.90	U	1	9.90	38.0	ug/Kg	11/12/25 14:01	VY111225
56-23-5	Carbon Tetrachloride	1.50	U	1	1.50	7.60	ug/Kg	11/12/25 14:01	VY111225
156-59-2	cis-1,2-Dichloroethene	1.10	U	1	1.10	7.60	ug/Kg	11/12/25 14:01	VY111225
74-97-5	Bromochloromethane	1.70	U	1	1.70	7.60	ug/Kg	11/12/25 14:01	VY111225
67-66-3	Chloroform	1.30	U	1	1.30	7.60	ug/Kg	11/12/25 14:01	VY111225
71-55-6	1,1,1-Trichloroethane	1.40	U	1	1.40	7.60	ug/Kg	11/12/25 14:01	VY111225
108-87-2	Methylcyclohexane	1.40	U	1	1.40	7.60	ug/Kg	11/12/25 14:01	VY111225
71-43-2	Benzene	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
107-06-2	1,2-Dichloroethane	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
79-01-6	Trichloroethene	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
78-87-5	1,2-Dichloropropane	1.40	U	1	1.40	7.60	ug/Kg	11/12/25 14:01	VY111225
75-27-4	Bromodichloromethane	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
108-10-1	4-Methyl-2-Pentanone	5.40	U	1	5.40	38.0	ug/Kg	11/12/25 14:01	VY111225
108-88-3	Toluene	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
10061-02-6	t-1,3-Dichloropropene	0.99	U	1	0.99	7.60	ug/Kg	11/12/25 14:01	VY111225
10061-01-5	cis-1,3-Dichloropropene	0.94	U	1	0.94	7.60	ug/Kg	11/12/25 14:01	VY111225
79-00-5	1,1,2-Trichloroethane	1.40	U	1	1.40	7.60	ug/Kg	11/12/25 14:01	VY111225
591-78-6	2-Hexanone	5.60	U	1	5.60	38.0	ug/Kg	11/12/25 14:01	VY111225
124-48-1	Dibromochloromethane	1.30	U	1	1.30	7.60	ug/Kg	11/12/25 14:01	VY111225
106-93-4	1,2-Dibromoethane	1.30	U	1	1.30	7.60	ug/Kg	11/12/25 14:01	VY111225
127-18-4	Tetrachloroethene	1.60	U	1	1.60	7.60	ug/Kg	11/12/25 14:01	VY111225
108-90-7	Chlorobenzene	1.40	U	1	1.40	7.60	ug/Kg	11/12/25 14:01	VY111225
100-41-4	Ethyl Benzene	1.00	U	1	1.00	7.60	ug/Kg	11/12/25 14:01	VY111225
179601-23-1	m/p-Xylenes	1.90	U	1	1.90	15.2	ug/Kg	11/12/25 14:01	VY111225
95-47-6	o-Xylene	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
100-42-5	Styrene	1.10	U	1	1.10	7.60	ug/Kg	11/12/25 14:01	VY111225
75-25-2	Bromoform	1.30	U	1	1.30	7.60	ug/Kg	11/12/25 14:01	VY111225

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.20	U	1	1.20	7.60	ug/Kg	11/12/25 14:01	VY111225
79-34-5	1,1,2,2-Tetrachloroethane	1.80	U	1	1.80	7.60	ug/Kg	11/12/25 14:01	VY111225
541-73-1	1,3-Dichlorobenzene	2.60	U	1	2.60	7.60	ug/Kg	11/12/25 14:01	VY111225
106-46-7	1,4-Dichlorobenzene	2.40	U	1	2.40	7.60	ug/Kg	11/12/25 14:01	VY111225
95-50-1	1,2-Dichlorobenzene	2.20	U	1	2.20	7.60	ug/Kg	11/12/25 14:01	VY111225
96-12-8	1,2-Dibromo-3-Chloropropane	2.80	U	1	2.80	7.60	ug/Kg	11/12/25 14:01	VY111225
120-82-1	1,2,4-Trichlorobenzene	4.50	U	1	4.50	7.60	ug/Kg	11/12/25 14:01	VY111225
87-61-6	1,2,3-Trichlorobenzene	4.80	U	1	4.80	7.60	ug/Kg	11/12/25 14:01	VY111225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	62.1			70 (63) - 130 (155)	124%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.5			70 (70) - 130 (134)	105%	SPK: 50		
2037-26-5	Toluene-d8	48.6			70 (74) - 130 (123)	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.0			70 (52) - 130 (138)	92%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	716000							
540-36-3	1,4-Difluorobenzene	1240000							
3114-55-4	Chlorobenzene-d5	1080000							
3855-82-1	1,4-Dichlorobenzene-d4	466000							
TENTATIVE IDENTIFIED COMPOUNDS									
001120-21-4	Undecane	10.0	J			13.7	ug/Kg		

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