

Report of Analysis

Client: Remington & Vernick Engineers
Project: Maclearie Park
Client Sample ID: SB-1025-2
Lab Sample ID: Q3495-02
Analytical Method: 8260D
Sample Wt/Vol: 5.66 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/27/25
Date Received: 10/29/25
SDG No.: Q3495
Matrix: SOIL
% Solid: 75.1
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.30	U	1	1.30	5.90	ug/Kg	10/30/25 14:37	VY103025
74-87-3	Chloromethane	1.30	U	1	1.30	5.90	ug/Kg	10/30/25 14:37	VY103025
75-01-4	Vinyl Chloride	0.93	U	1	0.93	5.90	ug/Kg	10/30/25 14:37	VY103025
74-83-9	Bromomethane	1.30	U	1	1.30	5.90	ug/Kg	10/30/25 14:37	VY103025
75-00-3	Chloroethane	1.50	U	1	1.50	5.90	ug/Kg	10/30/25 14:37	VY103025
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.90	ug/Kg	10/30/25 14:37	VY103025
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.90	ug/Kg	10/30/25 14:37	VY103025
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	5.90	ug/Kg	10/30/25 14:37	VY103025
67-64-1	Acetone	5.60	U	1	5.60	29.4	ug/Kg	10/30/25 14:37	VY103025
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.90	ug/Kg	10/30/25 14:37	VY103025
1634-04-4	Methyl tert-butyl Ether	0.86	U	1	0.86	5.90	ug/Kg	10/30/25 14:37	VY103025
79-20-9	Methyl Acetate	1.80	U	1	1.80	5.90	ug/Kg	10/30/25 14:37	VY103025
75-09-2	Methylene Chloride	4.20	U	1	4.20	11.8	ug/Kg	10/30/25 14:37	VY103025
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	1.00	5.90	ug/Kg	10/30/25 14:37	VY103025
75-34-3	1,1-Dichloroethane	0.94	U	1	0.94	5.90	ug/Kg	10/30/25 14:37	VY103025
110-82-7	Cyclohexane	0.93	U	1	0.93	5.90	ug/Kg	10/30/25 14:37	VY103025
78-93-3	2-Butanone	7.70	U	1	7.70	29.4	ug/Kg	10/30/25 14:37	VY103025
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
156-59-2	cis-1,2-Dichloroethene	0.88	U	1	0.88	5.90	ug/Kg	10/30/25 14:37	VY103025
74-97-5	Bromochloromethane	1.40	U	1	1.40	5.90	ug/Kg	10/30/25 14:37	VY103025
67-66-3	Chloroform	0.99	U	1	0.99	5.90	ug/Kg	10/30/25 14:37	VY103025
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
108-87-2	Methylcyclohexane	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
71-43-2	Benzene	0.93	U	1	0.93	5.90	ug/Kg	10/30/25 14:37	VY103025
107-06-2	1,2-Dichloroethane	0.93	U	1	0.93	5.90	ug/Kg	10/30/25 14:37	VY103025
79-01-6	Trichloroethene	0.95	U	1	0.95	5.90	ug/Kg	10/30/25 14:37	VY103025
78-87-5	1,2-Dichloropropane	1.10	UQ	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
75-27-4	Bromodichloromethane	0.92	U	1	0.92	5.90	ug/Kg	10/30/25 14:37	VY103025
108-10-1	4-Methyl-2-Pentanone	4.20	U	1	4.20	29.4	ug/Kg	10/30/25 14:37	VY103025
108-88-3	Toluene	0.92	U	1	0.92	5.90	ug/Kg	10/30/25 14:37	VY103025
10061-02-6	t-1,3-Dichloropropene	0.76	U	1	0.76	5.90	ug/Kg	10/30/25 14:37	VY103025
10061-01-5	cis-1,3-Dichloropropene	0.73	U	1	0.73	5.90	ug/Kg	10/30/25 14:37	VY103025
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
591-78-6	2-Hexanone	4.30	U	1	4.30	29.4	ug/Kg	10/30/25 14:37	VY103025
124-48-1	Dibromochloromethane	1.00	U	1	1.00	5.90	ug/Kg	10/30/25 14:37	VY103025
106-93-4	1,2-Dibromoethane	1.00	U	1	1.00	5.90	ug/Kg	10/30/25 14:37	VY103025
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.90	ug/Kg	10/30/25 14:37	VY103025
108-90-7	Chlorobenzene	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
100-41-4	Ethyl Benzene	0.79	U	1	0.79	5.90	ug/Kg	10/30/25 14:37	VY103025
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	11.8	ug/Kg	10/30/25 14:37	VY103025
95-47-6	o-Xylene	0.96	U	1	0.96	5.90	ug/Kg	10/30/25 14:37	VY103025
100-42-5	Styrene	0.84	U	1	0.84	5.90	ug/Kg	10/30/25 14:37	VY103025
75-25-2	Bromoform	1.00	U	1	1.00	5.90	ug/Kg	10/30/25 14:37	VY103025

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.92	U	1	0.92	5.90	ug/Kg	10/30/25 14:37	VY103025
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.90	ug/Kg	10/30/25 14:37	VY103025
541-73-1	1,3-Dichlorobenzene	2.00	U	1	2.00	5.90	ug/Kg	10/30/25 14:37	VY103025
106-46-7	1,4-Dichlorobenzene	1.80	U	1	1.80	5.90	ug/Kg	10/30/25 14:37	VY103025
95-50-1	1,2-Dichlorobenzene	1.70	U	1	1.70	5.90	ug/Kg	10/30/25 14:37	VY103025
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	1	2.20	5.90	ug/Kg	10/30/25 14:37	VY103025
120-82-1	1,2,4-Trichlorobenzene	3.50	U	1	3.50	5.90	ug/Kg	10/30/25 14:37	VY103025
87-61-6	1,2,3-Trichlorobenzene	3.70	U	1	3.70	5.90	ug/Kg	10/30/25 14:37	VY103025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.9			63 - 155	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.3			70 - 134	101%	SPK: 50		
2037-26-5	Toluene-d8	49.4			74 - 123	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	42.4			17 - 146	85%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	765000							
540-36-3	1,4-Difluorobenzene	1280000							
3114-55-4	Chlorobenzene-d5	1080000							
3855-82-1	1,4-Dichlorobenzene-d4	427000							

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