

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S02-074099-202510
Lab Sample ID: Q3375-01
Analytical Method: 8260D
Sample Wt/Vol: 5.83 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 69.2
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	6.20	U	1	1.40	6.20	ug/Kg	10/20/25 13:07	VW102025
74-87-3	Chloromethane	6.20	U	1	1.40	6.20	ug/Kg	10/20/25 13:07	VW102025
75-01-4	Vinyl Chloride	6.20	U	1	0.98	6.20	ug/Kg	10/20/25 13:07	VW102025
74-83-9	Bromomethane	6.20	U	1	1.30	6.20	ug/Kg	10/20/25 13:07	VW102025
75-00-3	Chloroethane	6.20	U	1	1.60	6.20	ug/Kg	10/20/25 13:07	VW102025
75-69-4	Trichlorofluoromethane	6.20	U	1	1.50	6.20	ug/Kg	10/20/25 13:07	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	6.20	U	1	1.30	6.20	ug/Kg	10/20/25 13:07	VW102025
75-35-4	1,1-Dichloroethene	6.20	U	1	1.20	6.20	ug/Kg	10/20/25 13:07	VW102025
67-64-1	Acetone	140		1	5.90	31.0	ug/Kg	10/20/25 13:07	VW102025
75-15-0	Carbon Disulfide	2.70	J	1	1.30	6.20	ug/Kg	10/20/25 13:07	VW102025
1634-04-4	Methyl tert-butyl Ether	6.20	U	1	0.90	6.20	ug/Kg	10/20/25 13:07	VW102025
79-20-9	Methyl Acetate	6.20	U	1	1.90	6.20	ug/Kg	10/20/25 13:07	VW102025
75-09-2	Methylene Chloride	12.4	U	1	4.40	12.4	ug/Kg	10/20/25 13:07	VW102025
156-60-5	trans-1,2-Dichloroethene	6.20	U	1	1.10	6.20	ug/Kg	10/20/25 13:07	VW102025
75-34-3	1,1-Dichloroethane	6.20	U	1	0.99	6.20	ug/Kg	10/20/25 13:07	VW102025
110-82-7	Cyclohexane	6.20	U	1	0.98	6.20	ug/Kg	10/20/25 13:07	VW102025
78-93-3	2-Butanone	37.3		1	8.10	31.0	ug/Kg	10/20/25 13:07	VW102025
56-23-5	Carbon Tetrachloride	6.20	U	1	1.20	6.20	ug/Kg	10/20/25 13:07	VW102025
156-59-2	cis-1,2-Dichloroethene	6.20	U	1	0.93	6.20	ug/Kg	10/20/25 13:07	VW102025
74-97-5	Bromochloromethane	6.20	U	1	1.40	6.20	ug/Kg	10/20/25 13:07	VW102025
67-66-3	Chloroform	6.20	U	1	1.00	6.20	ug/Kg	10/20/25 13:07	VW102025
71-55-6	1,1,1-Trichloroethane	6.20	U	1	1.20	6.20	ug/Kg	10/20/25 13:07	VW102025
108-87-2	Methylcyclohexane	6.20	U	1	1.10	6.20	ug/Kg	10/20/25 13:07	VW102025
71-43-2	Benzene	6.20	U	1	0.98	6.20	ug/Kg	10/20/25 13:07	VW102025
107-06-2	1,2-Dichloroethane	6.20	U	1	0.98	6.20	ug/Kg	10/20/25 13:07	VW102025
79-01-6	Trichloroethene	6.20	U	1	1.00	6.20	ug/Kg	10/20/25 13:07	VW102025
78-87-5	1,2-Dichloropropane	6.20	U	1	1.10	6.20	ug/Kg	10/20/25 13:07	VW102025
75-27-4	Bromodichloromethane	6.20	U	1	0.97	6.20	ug/Kg	10/20/25 13:07	VW102025
108-10-1	4-Methyl-2-Pentanone	31.0	U	1	4.40	31.0	ug/Kg	10/20/25 13:07	VW102025
108-88-3	Toluene	6.20	U	1	0.97	6.20	ug/Kg	10/20/25 13:07	VW102025
10061-02-6	t-1,3-Dichloropropene	6.20	U	1	0.81	6.20	ug/Kg	10/20/25 13:07	VW102025
10061-01-5	cis-1,3-Dichloropropene	6.20	U	1	0.77	6.20	ug/Kg	10/20/25 13:07	VW102025
79-00-5	1,1,2-Trichloroethane	6.20	U	1	1.10	6.20	ug/Kg	10/20/25 13:07	VW102025
591-78-6	2-Hexanone	31.0	U	1	4.60	31.0	ug/Kg	10/20/25 13:07	VW102025
124-48-1	Dibromochloromethane	6.20	U	1	1.10	6.20	ug/Kg	10/20/25 13:07	VW102025
106-93-4	1,2-Dibromoethane	6.20	U	1	1.10	6.20	ug/Kg	10/20/25 13:07	VW102025
127-18-4	Tetrachloroethene	6.20	U	1	1.30	6.20	ug/Kg	10/20/25 13:07	VW102025
108-90-7	Chlorobenzene	6.20	U	1	1.10	6.20	ug/Kg	10/20/25 13:07	VW102025
100-41-4	Ethyl Benzene	6.20	U	1	0.83	6.20	ug/Kg	10/20/25 13:07	VW102025
179601-23-1	m/p-Xylenes	12.4	U	1	1.50	12.4	ug/Kg	10/20/25 13:07	VW102025
95-47-6	o-Xylene	6.20	U	1	1.00	6.20	ug/Kg	10/20/25 13:07	VW102025
100-42-5	Styrene	6.20	U	1	0.88	6.20	ug/Kg	10/20/25 13:07	VW102025
75-25-2	Bromoform	6.20	U	1	1.10	6.20	ug/Kg	10/20/25 13:07	VW102025

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	6.20	U	1	0.97	6.20	ug/Kg	10/20/25 13:07	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	6.20	U	1	1.50	6.20	ug/Kg	10/20/25 13:07	VW102025
541-73-1	1,3-Dichlorobenzene	6.20	U	1	2.10	6.20	ug/Kg	10/20/25 13:07	VW102025
106-46-7	1,4-Dichlorobenzene	6.20	U	1	1.90	6.20	ug/Kg	10/20/25 13:07	VW102025
95-50-1	1,2-Dichlorobenzene	6.20	U	1	1.80	6.20	ug/Kg	10/20/25 13:07	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	6.20	U	1	2.30	6.20	ug/Kg	10/20/25 13:07	VW102025
120-82-1	1,2,4-Trichlorobenzene	6.20	U	1	3.70	6.20	ug/Kg	10/20/25 13:07	VW102025
87-61-6	1,2,3-Trichlorobenzene	6.20	U	1	3.90	6.20	ug/Kg	10/20/25 13:07	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	68.1			63 - 155	136%	SPK: 50		
1868-53-7	Dibromofluoromethane	59.5			70 - 134	119%	SPK: 50		
2037-26-5	Toluene-d8	58.0			74 - 123	116%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.6			17 - 146	119%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	182000							
540-36-3	1,4-Difluorobenzene	407000							
3114-55-4	Chlorobenzene-d5	456000							
3855-82-1	1,4-Dichlorobenzene-d4	230000							
TENTATIVE IDENTIFIED COMPOUNDS									
005911-04-6	Nonane, 3-methyl-	7.20	J			12.3	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