

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S02-010074-202510
Lab Sample ID: Q3375-04
Analytical Method: 8260D
Sample Wt/Vol: 3.83 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 55.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	11.8	U	1	2.70	11.8	ug/Kg	10/20/25 14:12	VW102025
74-87-3	Chloromethane	11.8	U	1	2.70	11.8	ug/Kg	10/20/25 14:12	VW102025
75-01-4	Vinyl Chloride	11.8	U	1	1.90	11.8	ug/Kg	10/20/25 14:12	VW102025
74-83-9	Bromomethane	11.8	U	1	2.50	11.8	ug/Kg	10/20/25 14:12	VW102025
75-00-3	Chloroethane	11.8	U	1	3.00	11.8	ug/Kg	10/20/25 14:12	VW102025
75-69-4	Trichlorofluoromethane	11.8	U	1	2.90	11.8	ug/Kg	10/20/25 14:12	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	11.8	U	1	2.50	11.8	ug/Kg	10/20/25 14:12	VW102025
75-35-4	1,1-Dichloroethene	11.8	U	1	2.40	11.8	ug/Kg	10/20/25 14:12	VW102025
67-64-1	Acetone	300		1	11.2	59.0	ug/Kg	10/20/25 14:12	VW102025
75-15-0	Carbon Disulfide	12.0		1	2.50	11.8	ug/Kg	10/20/25 14:12	VW102025
1634-04-4	Methyl tert-butyl Ether	11.8	U	1	1.70	11.8	ug/Kg	10/20/25 14:12	VW102025
79-20-9	Methyl Acetate	11.8	U	1	3.60	11.8	ug/Kg	10/20/25 14:12	VW102025
75-09-2	Methylene Chloride	23.6	U	1	8.30	23.6	ug/Kg	10/20/25 14:12	VW102025
156-60-5	trans-1,2-Dichloroethene	11.8	U	1	2.00	11.8	ug/Kg	10/20/25 14:12	VW102025
75-34-3	1,1-Dichloroethane	11.8	U	1	1.90	11.8	ug/Kg	10/20/25 14:12	VW102025
110-82-7	Cyclohexane	11.8	U	1	1.90	11.8	ug/Kg	10/20/25 14:12	VW102025
78-93-3	2-Butanone	88.5		1	15.4	59.0	ug/Kg	10/20/25 14:12	VW102025
56-23-5	Carbon Tetrachloride	11.8	U	1	2.30	11.8	ug/Kg	10/20/25 14:12	VW102025
156-59-2	cis-1,2-Dichloroethene	11.8	U	1	1.80	11.8	ug/Kg	10/20/25 14:12	VW102025
74-97-5	Bromochloromethane	11.8	U	1	2.70	11.8	ug/Kg	10/20/25 14:12	VW102025
67-66-3	Chloroform	11.8	U	1	2.00	11.8	ug/Kg	10/20/25 14:12	VW102025
71-55-6	1,1,1-Trichloroethane	11.8	U	1	2.20	11.8	ug/Kg	10/20/25 14:12	VW102025
108-87-2	Methylcyclohexane	54.7		1	2.10	11.8	ug/Kg	10/20/25 14:12	VW102025
71-43-2	Benzene	11.8	U	1	1.90	11.8	ug/Kg	10/20/25 14:12	VW102025
107-06-2	1,2-Dichloroethane	11.8	U	1	1.90	11.8	ug/Kg	10/20/25 14:12	VW102025
79-01-6	Trichloroethene	11.8	U	1	1.90	11.8	ug/Kg	10/20/25 14:12	VW102025
78-87-5	1,2-Dichloropropane	11.8	U	1	2.10	11.8	ug/Kg	10/20/25 14:12	VW102025
75-27-4	Bromodichloromethane	11.8	U	1	1.80	11.8	ug/Kg	10/20/25 14:12	VW102025
108-10-1	4-Methyl-2-Pentanone	59.0	U	1	8.50	59.0	ug/Kg	10/20/25 14:12	VW102025
108-88-3	Toluene	11.8	U	1	1.80	11.8	ug/Kg	10/20/25 14:12	VW102025
10061-02-6	t-1,3-Dichloropropene	11.8	U	1	1.50	11.8	ug/Kg	10/20/25 14:12	VW102025
10061-01-5	cis-1,3-Dichloropropene	11.8	U	1	1.50	11.8	ug/Kg	10/20/25 14:12	VW102025
79-00-5	1,1,2-Trichloroethane	11.8	U	1	2.20	11.8	ug/Kg	10/20/25 14:12	VW102025
591-78-6	2-Hexanone	59.0	U	1	8.70	59.0	ug/Kg	10/20/25 14:12	VW102025
124-48-1	Dibromochloromethane	11.8	U	1	2.10	11.8	ug/Kg	10/20/25 14:12	VW102025
106-93-4	1,2-Dibromoethane	11.8	U	1	2.10	11.8	ug/Kg	10/20/25 14:12	VW102025
127-18-4	Tetrachloroethene	11.8	U	1	2.50	11.8	ug/Kg	10/20/25 14:12	VW102025
108-90-7	Chlorobenzene	11.8	U	1	2.10	11.8	ug/Kg	10/20/25 14:12	VW102025
100-41-4	Ethyl Benzene	11.8	U	1	1.60	11.8	ug/Kg	10/20/25 14:12	VW102025
179601-23-1	m/p-Xylenes	23.6	U	1	2.90	23.6	ug/Kg	10/20/25 14:12	VW102025
95-47-6	o-Xylene	9.40	J	1	1.90	11.8	ug/Kg	10/20/25 14:12	VW102025
100-42-5	Styrene	11.8	U	1	1.70	11.8	ug/Kg	10/20/25 14:12	VW102025
75-25-2	Bromoform	11.8	U	1	2.00	11.8	ug/Kg	10/20/25 14:12	VW102025

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	14.4		1	1.80	11.8	ug/Kg	10/20/25 14:12	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	11.8	U	1	2.90	11.8	ug/Kg	10/20/25 14:12	VW102025
541-73-1	1,3-Dichlorobenzene	11.8	U	1	4.00	11.8	ug/Kg	10/20/25 14:12	VW102025
106-46-7	1,4-Dichlorobenzene	11.8	U	1	3.70	11.8	ug/Kg	10/20/25 14:12	VW102025
95-50-1	1,2-Dichlorobenzene	11.8	U	1	3.40	11.8	ug/Kg	10/20/25 14:12	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	11.8	U	1	4.30	11.8	ug/Kg	10/20/25 14:12	VW102025
120-82-1	1,2,4-Trichlorobenzene	11.8	U	1	7.00	11.8	ug/Kg	10/20/25 14:12	VW102025
87-61-6	1,2,3-Trichlorobenzene	11.8	U	1	7.50	11.8	ug/Kg	10/20/25 14:12	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.4			63 - 155	117%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.2			70 - 134	104%	SPK: 50		
2037-26-5	Toluene-d8	55.2			74 - 123	110%	SPK: 50		
460-00-4	4-Bromofluorobenzene	61.5			17 - 146	123%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	206000							
540-36-3	1,4-Difluorobenzene	455000							
3114-55-4	Chlorobenzene-d5	446000							
3855-82-1	1,4-Dichlorobenzene-d4	202000							
TENTATIVE IDENTIFIED COMPOUNDS									
002051-30-1	Octane, 2,6-dimethyl-	180	J			12.3	ug/Kg		
108-67-8	1,3,5-Trimethylbenzene	11.2	J			12.9	ug/Kg		
95-63-6	1,2,4-Trimethylbenzene	20.7	J			13.3	ug/Kg		
99-87-6	p-Isopropyltoluene	7.80	J			13.5	ug/Kg		
000091-17-8	Naphthalene, decahydro-	110	J			13.9	ug/Kg		
017301-23-4	Undecane, 2,6-dimethyl-	170	J			14.8	ug/Kg		
003891-98-3	Dodecane, 2,6,10-trimethyl-	130	J			16.3	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