

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S05-000057-202510
Lab Sample ID: Q3375-03
Analytical Method: 8260D
Sample Wt/Vol: 5.09 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 66.7
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	7.40	U	1	1.70	7.40	ug/Kg	10/20/25 13:50	VW102025
74-87-3	Chloromethane	7.40	U	1	1.70	7.40	ug/Kg	10/20/25 13:50	VW102025
75-01-4	Vinyl Chloride	7.40	U	1	1.20	7.40	ug/Kg	10/20/25 13:50	VW102025
74-83-9	Bromomethane	7.40	U	1	1.60	7.40	ug/Kg	10/20/25 13:50	VW102025
75-00-3	Chloroethane	7.40	U	1	1.90	7.40	ug/Kg	10/20/25 13:50	VW102025
75-69-4	Trichlorofluoromethane	7.40	U	1	1.80	7.40	ug/Kg	10/20/25 13:50	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	7.40	U	1	1.60	7.40	ug/Kg	10/20/25 13:50	VW102025
75-35-4	1,1-Dichloroethene	7.40	U	1	1.50	7.40	ug/Kg	10/20/25 13:50	VW102025
67-64-1	Acetone	270		1	7.00	36.8	ug/Kg	10/20/25 13:50	VW102025
75-15-0	Carbon Disulfide	13.3		1	1.60	7.40	ug/Kg	10/20/25 13:50	VW102025
1634-04-4	Methyl tert-butyl Ether	7.40	U	1	1.10	7.40	ug/Kg	10/20/25 13:50	VW102025
79-20-9	Methyl Acetate	7.40	U	1	2.30	7.40	ug/Kg	10/20/25 13:50	VW102025
75-09-2	Methylene Chloride	14.7	U	1	5.20	14.7	ug/Kg	10/20/25 13:50	VW102025
156-60-5	trans-1,2-Dichloroethene	7.40	U	1	1.30	7.40	ug/Kg	10/20/25 13:50	VW102025
75-34-3	1,1-Dichloroethane	7.40	U	1	1.20	7.40	ug/Kg	10/20/25 13:50	VW102025
110-82-7	Cyclohexane	7.40	U	1	1.20	7.40	ug/Kg	10/20/25 13:50	VW102025
78-93-3	2-Butanone	75.1		1	9.60	36.8	ug/Kg	10/20/25 13:50	VW102025
56-23-5	Carbon Tetrachloride	7.40	U	1	1.40	7.40	ug/Kg	10/20/25 13:50	VW102025
156-59-2	cis-1,2-Dichloroethene	7.40	U	1	1.10	7.40	ug/Kg	10/20/25 13:50	VW102025
74-97-5	Bromochloromethane	7.40	U	1	1.70	7.40	ug/Kg	10/20/25 13:50	VW102025
67-66-3	Chloroform	7.40	U	1	1.20	7.40	ug/Kg	10/20/25 13:50	VW102025
71-55-6	1,1,1-Trichloroethane	7.40	U	1	1.40	7.40	ug/Kg	10/20/25 13:50	VW102025
108-87-2	Methylcyclohexane	27.3		1	1.30	7.40	ug/Kg	10/20/25 13:50	VW102025
71-43-2	Benzene	4.60	J	1	1.20	7.40	ug/Kg	10/20/25 13:50	VW102025
107-06-2	1,2-Dichloroethane	7.40	U	1	1.20	7.40	ug/Kg	10/20/25 13:50	VW102025
79-01-6	Trichloroethene	7.40	U	1	1.20	7.40	ug/Kg	10/20/25 13:50	VW102025
78-87-5	1,2-Dichloropropane	7.40	U	1	1.30	7.40	ug/Kg	10/20/25 13:50	VW102025
75-27-4	Bromodichloromethane	7.40	U	1	1.10	7.40	ug/Kg	10/20/25 13:50	VW102025
108-10-1	4-Methyl-2-Pentanone	36.8	U	1	5.30	36.8	ug/Kg	10/20/25 13:50	VW102025
108-88-3	Toluene	7.40	U	1	1.10	7.40	ug/Kg	10/20/25 13:50	VW102025
10061-02-6	t-1,3-Dichloropropene	7.40	U	1	0.96	7.40	ug/Kg	10/20/25 13:50	VW102025
10061-01-5	cis-1,3-Dichloropropene	7.40	U	1	0.91	7.40	ug/Kg	10/20/25 13:50	VW102025
79-00-5	1,1,2-Trichloroethane	7.40	U	1	1.40	7.40	ug/Kg	10/20/25 13:50	VW102025
591-78-6	2-Hexanone	36.8	U	1	5.40	36.8	ug/Kg	10/20/25 13:50	VW102025
124-48-1	Dibromochloromethane	7.40	U	1	1.30	7.40	ug/Kg	10/20/25 13:50	VW102025
106-93-4	1,2-Dibromoethane	7.40	U	1	1.30	7.40	ug/Kg	10/20/25 13:50	VW102025
127-18-4	Tetrachloroethene	7.40	U	1	1.50	7.40	ug/Kg	10/20/25 13:50	VW102025
108-90-7	Chlorobenzene	7.40	U	1	1.30	7.40	ug/Kg	10/20/25 13:50	VW102025
100-41-4	Ethyl Benzene	7.40	U	1	0.99	7.40	ug/Kg	10/20/25 13:50	VW102025
179601-23-1	m/p-Xylenes	14.7	U	1	1.80	14.7	ug/Kg	10/20/25 13:50	VW102025
95-47-6	o-Xylene	9.70		1	1.20	7.40	ug/Kg	10/20/25 13:50	VW102025
100-42-5	Styrene	7.40	U	1	1.00	7.40	ug/Kg	10/20/25 13:50	VW102025
75-25-2	Bromoform	7.40	U	1	1.30	7.40	ug/Kg	10/20/25 13:50	VW102025

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	7.40	U	1	1.10	7.40	ug/Kg	10/20/25 13:50	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	7.40	U	1	1.80	7.40	ug/Kg	10/20/25 13:50	VW102025
541-73-1	1,3-Dichlorobenzene	7.40	U	1	2.50	7.40	ug/Kg	10/20/25 13:50	VW102025
106-46-7	1,4-Dichlorobenzene	7.40	U	1	2.30	7.40	ug/Kg	10/20/25 13:50	VW102025
95-50-1	1,2-Dichlorobenzene	7.40	U	1	2.10	7.40	ug/Kg	10/20/25 13:50	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	7.40	U	1	2.70	7.40	ug/Kg	10/20/25 13:50	VW102025
120-82-1	1,2,4-Trichlorobenzene	7.40	U	1	4.40	7.40	ug/Kg	10/20/25 13:50	VW102025
87-61-6	1,2,3-Trichlorobenzene	7.40	U	1	4.70	7.40	ug/Kg	10/20/25 13:50	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	72.4			63 - 155	145%	SPK: 50		
1868-53-7	Dibromofluoromethane	58.9			70 - 134	118%	SPK: 50		
2037-26-5	Toluene-d8	59.3			74 - 123	119%	SPK: 50		
460-00-4	4-Bromofluorobenzene	63.7			17 - 146	127%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	183000							
540-36-3	1,4-Difluorobenzene	435000							
3114-55-4	Chlorobenzene-d5	461000							
3855-82-1	1,4-Dichlorobenzene-d4	222000							
TENTATIVE IDENTIFIED COMPOUNDS									
002051-30-1	Octane, 2,6-dimethyl-	95.8	J			12.3	ug/Kg		
014676-29-0	Heptane, 3-ethyl-2-methyl-	170	J			12.4	ug/Kg		
108-67-8	1,3,5-Trimethylbenzene	4.60	J			12.9	ug/Kg		
000493-02-7	Naphthalene, decahydro-, trans-	97.2	J			13.9	ug/Kg		
017301-23-4	Undecane, 2,6-dimethyl-	100	J			14.8	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