

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S10-022047-202510
Lab Sample ID: Q3393-02
Analytical Method: 8260D
Sample Wt/Vol: 4.91 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3393
Matrix: SOIL
% Solid: 54
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	9.40	U	1	2.10	9.40	ug/Kg	10/20/25 17:08	VW102025
74-87-3	Chloromethane	9.40	U	1	2.10	9.40	ug/Kg	10/20/25 17:08	VW102025
75-01-4	Vinyl Chloride	9.40	U	1	1.50	9.40	ug/Kg	10/20/25 17:08	VW102025
74-83-9	Bromomethane	9.40	U	1	2.00	9.40	ug/Kg	10/20/25 17:08	VW102025
75-00-3	Chloroethane	9.40	U	1	2.40	9.40	ug/Kg	10/20/25 17:08	VW102025
75-69-4	Trichlorofluoromethane	9.40	U	1	2.30	9.40	ug/Kg	10/20/25 17:08	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	9.40	U	1	2.00	9.40	ug/Kg	10/20/25 17:08	VW102025
75-35-4	1,1-Dichloroethene	9.40	U	1	1.90	9.40	ug/Kg	10/20/25 17:08	VW102025
67-64-1	Acetone	430		1	8.90	47.1	ug/Kg	10/20/25 17:08	VW102025
75-15-0	Carbon Disulfide	16.0		1	2.00	9.40	ug/Kg	10/20/25 17:08	VW102025
1634-04-4	Methyl tert-butyl Ether	9.40	U	1	1.40	9.40	ug/Kg	10/20/25 17:08	VW102025
79-20-9	Methyl Acetate	9.40	U	1	2.90	9.40	ug/Kg	10/20/25 17:08	VW102025
75-09-2	Methylene Chloride	18.9	U	1	6.70	18.9	ug/Kg	10/20/25 17:08	VW102025
156-60-5	trans-1,2-Dichloroethene	9.40	U	1	1.60	9.40	ug/Kg	10/20/25 17:08	VW102025
75-34-3	1,1-Dichloroethane	9.40	U	1	1.50	9.40	ug/Kg	10/20/25 17:08	VW102025
110-82-7	Cyclohexane	9.40	U	1	1.50	9.40	ug/Kg	10/20/25 17:08	VW102025
78-93-3	2-Butanone	140		1	12.3	47.1	ug/Kg	10/20/25 17:08	VW102025
56-23-5	Carbon Tetrachloride	9.40	U	1	1.80	9.40	ug/Kg	10/20/25 17:08	VW102025
156-59-2	cis-1,2-Dichloroethene	9.40	U	1	1.40	9.40	ug/Kg	10/20/25 17:08	VW102025
74-97-5	Bromochloromethane	9.40	U	1	2.20	9.40	ug/Kg	10/20/25 17:08	VW102025
67-66-3	Chloroform	9.40	U	1	1.60	9.40	ug/Kg	10/20/25 17:08	VW102025
71-55-6	1,1,1-Trichloroethane	9.40	U	1	1.80	9.40	ug/Kg	10/20/25 17:08	VW102025
108-87-2	Methylcyclohexane	25.3		1	1.70	9.40	ug/Kg	10/20/25 17:08	VW102025
71-43-2	Benzene	9.40	U	1	1.50	9.40	ug/Kg	10/20/25 17:08	VW102025
107-06-2	1,2-Dichloroethane	9.40	U	1	1.50	9.40	ug/Kg	10/20/25 17:08	VW102025
79-01-6	Trichloroethene	9.40	U	1	1.50	9.40	ug/Kg	10/20/25 17:08	VW102025
78-87-5	1,2-Dichloropropane	9.40	U	1	1.70	9.40	ug/Kg	10/20/25 17:08	VW102025
75-27-4	Bromodichloromethane	9.40	U	1	1.50	9.40	ug/Kg	10/20/25 17:08	VW102025
108-10-1	4-Methyl-2-Pentanone	47.1	U	1	6.80	47.1	ug/Kg	10/20/25 17:08	VW102025
108-88-3	Toluene	9.40	U	1	1.50	9.40	ug/Kg	10/20/25 17:08	VW102025
10061-02-6	t-1,3-Dichloropropene	9.40	U	1	1.20	9.40	ug/Kg	10/20/25 17:08	VW102025
10061-01-5	cis-1,3-Dichloropropene	9.40	U	1	1.20	9.40	ug/Kg	10/20/25 17:08	VW102025
79-00-5	1,1,2-Trichloroethane	9.40	U	1	1.70	9.40	ug/Kg	10/20/25 17:08	VW102025
591-78-6	2-Hexanone	47.1	U	1	7.00	47.1	ug/Kg	10/20/25 17:08	VW102025
124-48-1	Dibromochloromethane	9.40	U	1	1.60	9.40	ug/Kg	10/20/25 17:08	VW102025
106-93-4	1,2-Dibromoethane	9.40	U	1	1.70	9.40	ug/Kg	10/20/25 17:08	VW102025
127-18-4	Tetrachloroethene	9.40	U	1	2.00	9.40	ug/Kg	10/20/25 17:08	VW102025
108-90-7	Chlorobenzene	9.40	U	1	1.70	9.40	ug/Kg	10/20/25 17:08	VW102025
100-41-4	Ethyl Benzene	9.40	U	1	1.30	9.40	ug/Kg	10/20/25 17:08	VW102025
179601-23-1	m/p-Xylenes	18.9	U	1	2.30	18.9	ug/Kg	10/20/25 17:08	VW102025
95-47-6	o-Xylene	9.40	U	1	1.50	9.40	ug/Kg	10/20/25 17:08	VW102025
100-42-5	Styrene	9.40	U	1	1.30	9.40	ug/Kg	10/20/25 17:08	VW102025
75-25-2	Bromoform	9.40	U	1	1.60	9.40	ug/Kg	10/20/25 17:08	VW102025

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	9.40	U	1	1.50	9.40	ug/Kg	10/20/25 17:08	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	9.40	U	1	2.30	9.40	ug/Kg	10/20/25 17:08	VW102025
541-73-1	1,3-Dichlorobenzene	9.40	U	1	3.20	9.40	ug/Kg	10/20/25 17:08	VW102025
106-46-7	1,4-Dichlorobenzene	9.40	U	1	2.90	9.40	ug/Kg	10/20/25 17:08	VW102025
95-50-1	1,2-Dichlorobenzene	9.40	U	1	2.70	9.40	ug/Kg	10/20/25 17:08	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	9.40	U	1	3.50	9.40	ug/Kg	10/20/25 17:08	VW102025
120-82-1	1,2,4-Trichlorobenzene	9.40	U	1	5.60	9.40	ug/Kg	10/20/25 17:08	VW102025
87-61-6	1,2,3-Trichlorobenzene	9.40	U	1	6.00	9.40	ug/Kg	10/20/25 17:08	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	63.1			63 - 155	126%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.7			70 - 134	107%	SPK: 50		
2037-26-5	Toluene-d8	54.5			74 - 123	109%	SPK: 50		
460-00-4	4-Bromofluorobenzene	66.4			17 - 146	133%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	231000							
540-36-3	1,4-Difluorobenzene	513000							
3114-55-4	Chlorobenzene-d5	507000							
3855-82-1	1,4-Dichlorobenzene-d4	251000							
TENTATIVE IDENTIFIED COMPOUNDS									
001072-05-5	Heptane, 2,6-dimethyl-	140	J			10.9	ug/Kg		
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	160	J			11.2	ug/Kg		
002051-30-1	Octane, 2,6-dimethyl-	230	J			12.3	ug/Kg		
017301-23-4	Undecane, 2,6-dimethyl-	300	J			14.8	ug/Kg		
026730-14-3	Tridecane, 7-methyl-	300	J			15.3	ug/Kg		
003221-61-2	Octane, 2-methyl-	240	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