

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S07-102116-202510
Lab Sample ID: Q3395-05
Analytical Method: 8260D
Sample Wt/Vol: 4.92 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3395
Matrix: SOIL
% Solid: 51.4
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	9.90	U	1	2.30	9.90	ug/Kg	10/20/25 18:36	VW102025
74-87-3	Chloromethane	9.90	U	1	2.30	9.90	ug/Kg	10/20/25 18:36	VW102025
75-01-4	Vinyl Chloride	9.90	U	1	1.60	9.90	ug/Kg	10/20/25 18:36	VW102025
74-83-9	Bromomethane	9.90	U	1	2.10	9.90	ug/Kg	10/20/25 18:36	VW102025
75-00-3	Chloroethane	9.90	U	1	2.50	9.90	ug/Kg	10/20/25 18:36	VW102025
75-69-4	Trichlorofluoromethane	9.90	U	1	2.40	9.90	ug/Kg	10/20/25 18:36	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	9.90	U	1	2.10	9.90	ug/Kg	10/20/25 18:36	VW102025
75-35-4	1,1-Dichloroethene	9.90	U	1	2.00	9.90	ug/Kg	10/20/25 18:36	VW102025
67-64-1	Acetone	430		1	9.40	49.4	ug/Kg	10/20/25 18:36	VW102025
75-15-0	Carbon Disulfide	19.8		1	2.10	9.90	ug/Kg	10/20/25 18:36	VW102025
1634-04-4	Methyl tert-butyl Ether	9.90	U	1	1.40	9.90	ug/Kg	10/20/25 18:36	VW102025
79-20-9	Methyl Acetate	9.90	U	1	3.00	9.90	ug/Kg	10/20/25 18:36	VW102025
75-09-2	Methylene Chloride	19.8	U	1	7.00	19.8	ug/Kg	10/20/25 18:36	VW102025
156-60-5	trans-1,2-Dichloroethene	9.90	U	1	1.70	9.90	ug/Kg	10/20/25 18:36	VW102025
75-34-3	1,1-Dichloroethane	9.90	U	1	1.60	9.90	ug/Kg	10/20/25 18:36	VW102025
110-82-7	Cyclohexane	9.90	U	1	1.60	9.90	ug/Kg	10/20/25 18:36	VW102025
78-93-3	2-Butanone	130		1	12.9	49.4	ug/Kg	10/20/25 18:36	VW102025
56-23-5	Carbon Tetrachloride	9.90	U	1	1.90	9.90	ug/Kg	10/20/25 18:36	VW102025
156-59-2	cis-1,2-Dichloroethene	9.90	U	1	1.50	9.90	ug/Kg	10/20/25 18:36	VW102025
74-97-5	Bromochloromethane	9.90	U	1	2.30	9.90	ug/Kg	10/20/25 18:36	VW102025
67-66-3	Chloroform	9.90	U	1	1.70	9.90	ug/Kg	10/20/25 18:36	VW102025
71-55-6	1,1,1-Trichloroethane	9.90	U	1	1.80	9.90	ug/Kg	10/20/25 18:36	VW102025
108-87-2	Methylcyclohexane	83.0		1	1.80	9.90	ug/Kg	10/20/25 18:36	VW102025
71-43-2	Benzene	9.90	U	1	1.60	9.90	ug/Kg	10/20/25 18:36	VW102025
107-06-2	1,2-Dichloroethane	9.90	U	1	1.60	9.90	ug/Kg	10/20/25 18:36	VW102025
79-01-6	Trichloroethene	9.90	U	1	1.60	9.90	ug/Kg	10/20/25 18:36	VW102025
78-87-5	1,2-Dichloropropane	9.90	U	1	1.80	9.90	ug/Kg	10/20/25 18:36	VW102025
75-27-4	Bromodichloromethane	9.90	U	1	1.50	9.90	ug/Kg	10/20/25 18:36	VW102025
108-10-1	4-Methyl-2-Pentanone	49.4	U	1	7.10	49.4	ug/Kg	10/20/25 18:36	VW102025
108-88-3	Toluene	9.90	U	1	1.50	9.90	ug/Kg	10/20/25 18:36	VW102025
10061-02-6	t-1,3-Dichloropropene	9.90	U	1	1.30	9.90	ug/Kg	10/20/25 18:36	VW102025
10061-01-5	cis-1,3-Dichloropropene	9.90	U	1	1.20	9.90	ug/Kg	10/20/25 18:36	VW102025
79-00-5	1,1,2-Trichloroethane	9.90	U	1	1.80	9.90	ug/Kg	10/20/25 18:36	VW102025
591-78-6	2-Hexanone	49.4	U	1	7.30	49.4	ug/Kg	10/20/25 18:36	VW102025
124-48-1	Dibromochloromethane	9.90	U	1	1.70	9.90	ug/Kg	10/20/25 18:36	VW102025
106-93-4	1,2-Dibromoethane	9.90	U	1	1.70	9.90	ug/Kg	10/20/25 18:36	VW102025
127-18-4	Tetrachloroethene	9.90	U	1	2.10	9.90	ug/Kg	10/20/25 18:36	VW102025
108-90-7	Chlorobenzene	9.90	U	1	1.80	9.90	ug/Kg	10/20/25 18:36	VW102025
100-41-4	Ethyl Benzene	9.90	U	1	1.30	9.90	ug/Kg	10/20/25 18:36	VW102025
179601-23-1	m/p-Xylenes	19.8	U	1	2.50	19.8	ug/Kg	10/20/25 18:36	VW102025
95-47-6	o-Xylene	9.90	U	1	1.60	9.90	ug/Kg	10/20/25 18:36	VW102025
100-42-5	Styrene	9.90	U	1	1.40	9.90	ug/Kg	10/20/25 18:36	VW102025
75-25-2	Bromoform	9.90	U	1	1.70	9.90	ug/Kg	10/20/25 18:36	VW102025

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	5.60	J	1	1.50	9.90	ug/Kg	10/20/25 18:36	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	9.90	U	1	2.40	9.90	ug/Kg	10/20/25 18:36	VW102025
541-73-1	1,3-Dichlorobenzene	9.90	U	1	3.40	9.90	ug/Kg	10/20/25 18:36	VW102025
106-46-7	1,4-Dichlorobenzene	9.90	U	1	3.10	9.90	ug/Kg	10/20/25 18:36	VW102025
95-50-1	1,2-Dichlorobenzene	9.90	U	1	2.90	9.90	ug/Kg	10/20/25 18:36	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	9.90	U	1	3.60	9.90	ug/Kg	10/20/25 18:36	VW102025
120-82-1	1,2,4-Trichlorobenzene	9.90	U	1	5.90	9.90	ug/Kg	10/20/25 18:36	VW102025
87-61-6	1,2,3-Trichlorobenzene	9.90	U	1	6.30	9.90	ug/Kg	10/20/25 18:36	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.3			63 - 155	121%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.0			70 - 134	104%	SPK: 50		
2037-26-5	Toluene-d8	55.0			74 - 123	110%	SPK: 50		
460-00-4	4-Bromofluorobenzene	71.4			17 - 146	143%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	238000							
540-36-3	1,4-Difluorobenzene	526000							
3114-55-4	Chlorobenzene-d5	518000							
3855-82-1	1,4-Dichlorobenzene-d4	243000							
TENTATIVE IDENTIFIED COMPOUNDS									
001072-05-5	Heptane, 2,6-dimethyl-	150	J			10.9	ug/Kg		
002216-30-0	Heptane, 2,5-dimethyl-	120	J			11.0	ug/Kg		
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	200	J			11.2	ug/Kg		
007667-60-9	Cyclohexane, 1,2,4-trimethyl-, (1.	120	J			11.4	ug/Kg		
015869-94-0	Octane, 3,6-dimethyl-	180	J			12.3	ug/Kg		
95-63-6	1,2,4-Trimethylbenzene	9.60	J			13.2	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