

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S12-047072-202510
Lab Sample ID: Q3376-04
Analytical Method: 8260D
Sample Wt/Vol: 4.83 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: SOIL
% Solid: 51.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	10.1	U	1	2.30	10.1	ug/Kg	10/20/25 16:02	VW102025
74-87-3	Chloromethane	10.1	U	1	2.30	10.1	ug/Kg	10/20/25 16:02	VW102025
75-01-4	Vinyl Chloride	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
74-83-9	Bromomethane	10.1	U	1	2.20	10.1	ug/Kg	10/20/25 16:02	VW102025
75-00-3	Chloroethane	10.1	U	1	2.50	10.1	ug/Kg	10/20/25 16:02	VW102025
75-69-4	Trichlorofluoromethane	10.1	U	1	2.40	10.1	ug/Kg	10/20/25 16:02	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	10.1	U	1	2.10	10.1	ug/Kg	10/20/25 16:02	VW102025
75-35-4	1,1-Dichloroethene	10.1	U	1	2.00	10.1	ug/Kg	10/20/25 16:02	VW102025
67-64-1	Acetone	320		1	9.60	50.4	ug/Kg	10/20/25 16:02	VW102025
75-15-0	Carbon Disulfide	19.9		1	2.10	10.1	ug/Kg	10/20/25 16:02	VW102025
1634-04-4	Methyl tert-butyl Ether	10.1	U	1	1.50	10.1	ug/Kg	10/20/25 16:02	VW102025
79-20-9	Methyl Acetate	4.90	J	1	3.10	10.1	ug/Kg	10/20/25 16:02	VW102025
75-09-2	Methylene Chloride	20.2	U	1	7.10	20.2	ug/Kg	10/20/25 16:02	VW102025
156-60-5	trans-1,2-Dichloroethene	10.1	U	1	1.70	10.1	ug/Kg	10/20/25 16:02	VW102025
75-34-3	1,1-Dichloroethane	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
110-82-7	Cyclohexane	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
78-93-3	2-Butanone	100		1	13.2	50.4	ug/Kg	10/20/25 16:02	VW102025
56-23-5	Carbon Tetrachloride	10.1	U	1	2.00	10.1	ug/Kg	10/20/25 16:02	VW102025
156-59-2	cis-1,2-Dichloroethene	10.1	U	1	1.50	10.1	ug/Kg	10/20/25 16:02	VW102025
74-97-5	Bromochloromethane	10.1	U	1	2.30	10.1	ug/Kg	10/20/25 16:02	VW102025
67-66-3	Chloroform	10.1	U	1	1.70	10.1	ug/Kg	10/20/25 16:02	VW102025
71-55-6	1,1,1-Trichloroethane	10.1	U	1	1.90	10.1	ug/Kg	10/20/25 16:02	VW102025
108-87-2	Methylcyclohexane	29.1		1	1.80	10.1	ug/Kg	10/20/25 16:02	VW102025
71-43-2	Benzene	9.00	J	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
107-06-2	1,2-Dichloroethane	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
79-01-6	Trichloroethene	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
78-87-5	1,2-Dichloropropane	10.1	U	1	1.80	10.1	ug/Kg	10/20/25 16:02	VW102025
75-27-4	Bromodichloromethane	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
108-10-1	4-Methyl-2-Pentanone	50.4	U	1	7.20	50.4	ug/Kg	10/20/25 16:02	VW102025
108-88-3	Toluene	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
10061-02-6	t-1,3-Dichloropropene	10.1	U	1	1.30	10.1	ug/Kg	10/20/25 16:02	VW102025
10061-01-5	cis-1,3-Dichloropropene	10.1	U	1	1.30	10.1	ug/Kg	10/20/25 16:02	VW102025
79-00-5	1,1,2-Trichloroethane	10.1	U	1	1.90	10.1	ug/Kg	10/20/25 16:02	VW102025
591-78-6	2-Hexanone	50.4	U	1	7.40	50.4	ug/Kg	10/20/25 16:02	VW102025
124-48-1	Dibromochloromethane	10.1	U	1	1.80	10.1	ug/Kg	10/20/25 16:02	VW102025
106-93-4	1,2-Dibromoethane	10.1	U	1	1.80	10.1	ug/Kg	10/20/25 16:02	VW102025
127-18-4	Tetrachloroethene	10.1	U	1	2.10	10.1	ug/Kg	10/20/25 16:02	VW102025
108-90-7	Chlorobenzene	10.1	U	1	1.80	10.1	ug/Kg	10/20/25 16:02	VW102025
100-41-4	Ethyl Benzene	2.70	J	1	1.40	10.1	ug/Kg	10/20/25 16:02	VW102025
179601-23-1	m/p-Xylenes	14.5	J	1	2.50	20.2	ug/Kg	10/20/25 16:02	VW102025
95-47-6	o-Xylene	26.4		1	1.70	10.1	ug/Kg	10/20/25 16:02	VW102025
100-42-5	Styrene	10.1	U	1	1.40	10.1	ug/Kg	10/20/25 16:02	VW102025
75-25-2	Bromoform	10.1	U	1	1.70	10.1	ug/Kg	10/20/25 16:02	VW102025

Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S12-047072-202510	SDG No.:	Q3376
Lab Sample ID:	Q3376-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	51.3
Sample Wt/Vol:	4.83 g	Level :	LOW
		Final Vol:	5000 uL
		Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	10.1	U	1	2.40	10.1	ug/Kg	10/20/25 16:02	VW102025
541-73-1	1,3-Dichlorobenzene	10.1	U	1	3.50	10.1	ug/Kg	10/20/25 16:02	VW102025
106-46-7	1,4-Dichlorobenzene	10.1	U	1	3.10	10.1	ug/Kg	10/20/25 16:02	VW102025
95-50-1	1,2-Dichlorobenzene	10.1	U	1	2.90	10.1	ug/Kg	10/20/25 16:02	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	10.1	U	1	3.70	10.1	ug/Kg	10/20/25 16:02	VW102025
120-82-1	1,2,4-Trichlorobenzene	10.1	U	1	6.00	10.1	ug/Kg	10/20/25 16:02	VW102025
87-61-6	1,2,3-Trichlorobenzene	10.1	U	1	6.40	10.1	ug/Kg	10/20/25 16:02	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.6			63 - 155	121%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.3			70 - 134	107%	SPK: 50		
2037-26-5	Toluene-d8	52.7			74 - 123	105%	SPK: 50		
460-00-4	4-Bromofluorobenzene	68.1			17 - 146	136%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	229000							
540-36-3	1,4-Difluorobenzene	505000							
3114-55-4	Chlorobenzene-d5	503000							
3855-82-1	1,4-Dichlorobenzene-d4	263000							
TENTATIVE IDENTIFIED COMPOUNDS									
002051-30-1	Octane, 2,6-dimethyl-	200	J			12.3	ug/Kg		
108-67-8	1,3,5-Trimethylbenzene	6.40	J			12.9	ug/Kg		
000141-70-8	Heptane, 2,2,6,6-tetramethyl-4-met	320	J			13.1	ug/Kg		
95-63-6	1,2,4-Trimethylbenzene	12.6	J			13.2	ug/Kg		
000091-17-8	Naphthalene, decahydro-	210	J			13.9	ug/Kg		
017301-23-4	Undecane, 2,6-dimethyl-	180	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