

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-COMP2-20251016
Lab Sample ID: Q3376-03
Analytical Method: 8260D
Sample Wt/Vol: 4.57 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: SOIL
% Solid: 52.7
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	10.4	U	1	2.40	10.4	ug/Kg	10/20/25 15:40	VW102025
74-87-3	Chloromethane	10.4	U	1	2.40	10.4	ug/Kg	10/20/25 15:40	VW102025
75-01-4	Vinyl Chloride	10.4	U	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
74-83-9	Bromomethane	10.4	U	1	2.20	10.4	ug/Kg	10/20/25 15:40	VW102025
75-00-3	Chloroethane	10.4	U	1	2.60	10.4	ug/Kg	10/20/25 15:40	VW102025
75-69-4	Trichlorofluoromethane	10.4	U	1	2.50	10.4	ug/Kg	10/20/25 15:40	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	10.4	U	1	2.20	10.4	ug/Kg	10/20/25 15:40	VW102025
75-35-4	1,1-Dichloroethene	10.4	U	1	2.10	10.4	ug/Kg	10/20/25 15:40	VW102025
67-64-1	Acetone	240		1	9.80	51.9	ug/Kg	10/20/25 15:40	VW102025
75-15-0	Carbon Disulfide	10.0	J	1	2.20	10.4	ug/Kg	10/20/25 15:40	VW102025
1634-04-4	Methyl tert-butyl Ether	10.4	U	1	1.50	10.4	ug/Kg	10/20/25 15:40	VW102025
79-20-9	Methyl Acetate	10.4	U	1	3.20	10.4	ug/Kg	10/20/25 15:40	VW102025
75-09-2	Methylene Chloride	20.8	U	1	7.30	20.8	ug/Kg	10/20/25 15:40	VW102025
156-60-5	trans-1,2-Dichloroethene	10.4	U	1	1.80	10.4	ug/Kg	10/20/25 15:40	VW102025
75-34-3	1,1-Dichloroethane	10.4	U	1	1.70	10.4	ug/Kg	10/20/25 15:40	VW102025
110-82-7	Cyclohexane	10.4	U	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
78-93-3	2-Butanone	73.7		1	13.6	51.9	ug/Kg	10/20/25 15:40	VW102025
56-23-5	Carbon Tetrachloride	10.4	U	1	2.00	10.4	ug/Kg	10/20/25 15:40	VW102025
156-59-2	cis-1,2-Dichloroethene	10.4	U	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
74-97-5	Bromochloromethane	10.4	U	1	2.40	10.4	ug/Kg	10/20/25 15:40	VW102025
67-66-3	Chloroform	10.4	U	1	1.70	10.4	ug/Kg	10/20/25 15:40	VW102025
71-55-6	1,1,1-Trichloroethane	10.4	U	1	1.90	10.4	ug/Kg	10/20/25 15:40	VW102025
108-87-2	Methylcyclohexane	27.2		1	1.90	10.4	ug/Kg	10/20/25 15:40	VW102025
71-43-2	Benzene	2.50	J	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
107-06-2	1,2-Dichloroethane	10.4	U	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
79-01-6	Trichloroethene	10.4	U	1	1.70	10.4	ug/Kg	10/20/25 15:40	VW102025
78-87-5	1,2-Dichloropropane	10.4	U	1	1.90	10.4	ug/Kg	10/20/25 15:40	VW102025
75-27-4	Bromodichloromethane	10.4	U	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
108-10-1	4-Methyl-2-Pentanone	51.9	U	1	7.40	51.9	ug/Kg	10/20/25 15:40	VW102025
108-88-3	Toluene	10.4	U	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
10061-02-6	t-1,3-Dichloropropene	10.4	U	1	1.30	10.4	ug/Kg	10/20/25 15:40	VW102025
10061-01-5	cis-1,3-Dichloropropene	10.4	U	1	1.30	10.4	ug/Kg	10/20/25 15:40	VW102025
79-00-5	1,1,2-Trichloroethane	10.4	U	1	1.90	10.4	ug/Kg	10/20/25 15:40	VW102025
591-78-6	2-Hexanone	51.9	U	1	7.70	51.9	ug/Kg	10/20/25 15:40	VW102025
124-48-1	Dibromochloromethane	10.4	U	1	1.80	10.4	ug/Kg	10/20/25 15:40	VW102025
106-93-4	1,2-Dibromoethane	10.4	U	1	1.80	10.4	ug/Kg	10/20/25 15:40	VW102025
127-18-4	Tetrachloroethene	10.4	U	1	2.20	10.4	ug/Kg	10/20/25 15:40	VW102025
108-90-7	Chlorobenzene	10.4	U	1	1.90	10.4	ug/Kg	10/20/25 15:40	VW102025
100-41-4	Ethyl Benzene	10.4	U	1	1.40	10.4	ug/Kg	10/20/25 15:40	VW102025
179601-23-1	m/p-Xylenes	20.8	U	1	2.60	20.8	ug/Kg	10/20/25 15:40	VW102025
95-47-6	o-Xylene	10.4	U	1	1.70	10.4	ug/Kg	10/20/25 15:40	VW102025
100-42-5	Styrene	10.4	U	1	1.50	10.4	ug/Kg	10/20/25 15:40	VW102025
75-25-2	Bromoform	10.4	U	1	1.80	10.4	ug/Kg	10/20/25 15:40	VW102025

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Client Sample ID:	PR132-COMP2-20251016	SDG No.:	Q3376
Lab Sample ID:	Q3376-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	52.7
Sample Wt/Vol:	4.57 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	10.4	U	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	10.4	U	1	2.50	10.4	ug/Kg	10/20/25 15:40	VW102025
541-73-1	1,3-Dichlorobenzene	10.4	U	1	3.60	10.4	ug/Kg	10/20/25 15:40	VW102025
106-46-7	1,4-Dichlorobenzene	10.4	U	1	3.20	10.4	ug/Kg	10/20/25 15:40	VW102025
95-50-1	1,2-Dichlorobenzene	10.4	U	1	3.00	10.4	ug/Kg	10/20/25 15:40	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	10.4	U	1	3.80	10.4	ug/Kg	10/20/25 15:40	VW102025
120-82-1	1,2,4-Trichlorobenzene	10.4	U	1	6.20	10.4	ug/Kg	10/20/25 15:40	VW102025
87-61-6	1,2,3-Trichlorobenzene	10.4	U	1	6.60	10.4	ug/Kg	10/20/25 15:40	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.3			63 - 155	121%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.7			70 - 134	107%	SPK: 50		
2037-26-5	Toluene-d8	55.5			74 - 123	111%	SPK: 50		
460-00-4	4-Bromofluorobenzene	64.7			17 - 146	129%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	224000							
540-36-3	1,4-Difluorobenzene	492000							
3114-55-4	Chlorobenzene-d5	496000							
3855-82-1	1,4-Dichlorobenzene-d4	236000							
TENTATIVE IDENTIFIED COMPOUNDS									
002051-30-1	Octane, 2,6-dimethyl-	160	J			12.3	ug/Kg		
020905-05-9	Octane, 4,5-dipropyl-	280	J			12.4	ug/Kg		
000123-48-8	3-Heptene, 2,2,4,6,6-pentamethyl-	140	J			13.1	ug/Kg		
95-63-6	1,2,4-Trimethylbenzene	4.20	J			13.3	ug/Kg		
017301-28-9	Undecane, 3,6-dimethyl-	120	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