

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S07-000102-202510
Lab Sample ID: Q3395-04MSD
Analytical Method: 8260D
Sample Wt/Vol: 5.26 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3395
Matrix: SOIL
% Solid: 47.9
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	130		1	2.30	9.90	ug/Kg	10/20/25 19:42	VW102025
74-87-3	Chloromethane	120		1	2.30	9.90	ug/Kg	10/20/25 19:42	VW102025
75-01-4	Vinyl Chloride	130		1	1.60	9.90	ug/Kg	10/20/25 19:42	VW102025
74-83-9	Bromomethane	78.9		1	2.10	9.90	ug/Kg	10/20/25 19:42	VW102025
75-00-3	Chloroethane	140		1	2.50	9.90	ug/Kg	10/20/25 19:42	VW102025
75-69-4	Trichlorofluoromethane	120		1	2.40	9.90	ug/Kg	10/20/25 19:42	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	64.4		1	2.10	9.90	ug/Kg	10/20/25 19:42	VW102025
75-35-4	1,1-Dichloroethene	130		1	2.00	9.90	ug/Kg	10/20/25 19:42	VW102025
67-64-1	Acetone	2200	E	1	9.40	49.6	ug/Kg	10/20/25 19:42	VW102025
75-15-0	Carbon Disulfide	110		1	2.10	9.90	ug/Kg	10/20/25 19:42	VW102025
1634-04-4	Methyl tert-butyl Ether	170		1	1.40	9.90	ug/Kg	10/20/25 19:42	VW102025
79-20-9	Methyl Acetate	600	E	1	3.10	9.90	ug/Kg	10/20/25 19:42	VW102025
75-09-2	Methylene Chloride	150		1	7.00	19.8	ug/Kg	10/20/25 19:42	VW102025
156-60-5	trans-1,2-Dichloroethene	120		1	1.70	9.90	ug/Kg	10/20/25 19:42	VW102025
75-34-3	1,1-Dichloroethane	130		1	1.60	9.90	ug/Kg	10/20/25 19:42	VW102025
110-82-7	Cyclohexane	42.8		1	1.60	9.90	ug/Kg	10/20/25 19:42	VW102025
78-93-3	2-Butanone	1400		1	13.0	49.6	ug/Kg	10/20/25 19:42	VW102025
56-23-5	Carbon Tetrachloride	43.9		1	1.90	9.90	ug/Kg	10/20/25 19:42	VW102025
156-59-2	cis-1,2-Dichloroethene	130		1	1.50	9.90	ug/Kg	10/20/25 19:42	VW102025
74-97-5	Bromochloromethane	130		1	2.30	9.90	ug/Kg	10/20/25 19:42	VW102025
67-66-3	Chloroform	130		1	1.70	9.90	ug/Kg	10/20/25 19:42	VW102025
71-55-6	1,1,1-Trichloroethane	110		1	1.80	9.90	ug/Kg	10/20/25 19:42	VW102025
108-87-2	Methylcyclohexane	100		1	1.80	9.90	ug/Kg	10/20/25 19:42	VW102025
71-43-2	Benzene	110		1	1.60	9.90	ug/Kg	10/20/25 19:42	VW102025
107-06-2	1,2-Dichloroethane	120		1	1.60	9.90	ug/Kg	10/20/25 19:42	VW102025
79-01-6	Trichloroethene	85.7		1	1.60	9.90	ug/Kg	10/20/25 19:42	VW102025
78-87-5	1,2-Dichloropropane	100		1	1.80	9.90	ug/Kg	10/20/25 19:42	VW102025
75-27-4	Bromodichloromethane	110		1	1.50	9.90	ug/Kg	10/20/25 19:42	VW102025
108-10-1	4-Methyl-2-Pentanone	850		1	7.10	49.6	ug/Kg	10/20/25 19:42	VW102025
108-88-3	Toluene	69.4		1	1.50	9.90	ug/Kg	10/20/25 19:42	VW102025
10061-02-6	t-1,3-Dichloropropene	59.3		1	1.30	9.90	ug/Kg	10/20/25 19:42	VW102025
10061-01-5	cis-1,3-Dichloropropene	47.5		1	1.20	9.90	ug/Kg	10/20/25 19:42	VW102025
79-00-5	1,1,2-Trichloroethane	110		1	1.80	9.90	ug/Kg	10/20/25 19:42	VW102025
591-78-6	2-Hexanone	820		1	7.30	49.6	ug/Kg	10/20/25 19:42	VW102025
124-48-1	Dibromochloromethane	90.2		1	1.70	9.90	ug/Kg	10/20/25 19:42	VW102025
106-93-4	1,2-Dibromoethane	110		1	1.70	9.90	ug/Kg	10/20/25 19:42	VW102025
127-18-4	Tetrachloroethene	79.7		1	2.10	9.90	ug/Kg	10/20/25 19:42	VW102025
108-90-7	Chlorobenzene	95.2		1	1.80	9.90	ug/Kg	10/20/25 19:42	VW102025
100-41-4	Ethyl Benzene	73.0		1	1.30	9.90	ug/Kg	10/20/25 19:42	VW102025
179601-23-1	m/p-Xylenes	140		1	2.50	19.8	ug/Kg	10/20/25 19:42	VW102025
95-47-6	o-Xylene	97.8		1	1.60	9.90	ug/Kg	10/20/25 19:42	VW102025
100-42-5	Styrene	72.8		1	1.40	9.90	ug/Kg	10/20/25 19:42	VW102025
75-25-2	Bromoform	150		1	1.70	9.90	ug/Kg	10/20/25 19:42	VW102025

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Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	PR132-S07-000102-202510	SDG No.:	Q3395
Lab Sample ID:	Q3395-04MSD	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	47.9
Sample Wt/Vol:	5.26 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	55.5		1	1.50	9.90	ug/Kg	10/20/25 19:42	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	190		1	2.40	9.90	ug/Kg	10/20/25 19:42	VW102025
541-73-1	1,3-Dichlorobenzene	42.3		1	3.40	9.90	ug/Kg	10/20/25 19:42	VW102025
106-46-7	1,4-Dichlorobenzene	46.1		1	3.10	9.90	ug/Kg	10/20/25 19:42	VW102025
95-50-1	1,2-Dichlorobenzene	49.2		1	2.90	9.90	ug/Kg	10/20/25 19:42	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	180		1	3.70	9.90	ug/Kg	10/20/25 19:42	VW102025
120-82-1	1,2,4-Trichlorobenzene	33.2		1	5.90	9.90	ug/Kg	10/20/25 19:42	VW102025
87-61-6	1,2,3-Trichlorobenzene	26.0		1	6.30	9.90	ug/Kg	10/20/25 19:42	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	71.7			63 - 155	143%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.3			70 - 134	111%	SPK: 50		
2037-26-5	Toluene-d8	38.0			74 - 123	76%	SPK: 50		
460-00-4	4-Bromofluorobenzene	62.4			17 - 146	125%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	131000							
540-36-3	1,4-Difluorobenzene	279000							
3114-55-4	Chlorobenzene-d5	139000							
3855-82-1	1,4-Dichlorobenzene-d4	56500							

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