

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR-132-S16-015094-20251C
Lab Sample ID: Q3419-01
Analytical Method: 8260D
Sample Wt/Vol: 5.76 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3419
Matrix: SOIL
% Solid: 54.4
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.80	U	1	1.80	8.00	ug/Kg	10/22/25 14:07	VY102225
74-87-3	Chloromethane	1.80	U	1	1.80	8.00	ug/Kg	10/22/25 14:07	VY102225
75-01-4	Vinyl Chloride	1.30	U	1	1.30	8.00	ug/Kg	10/22/25 14:07	VY102225
74-83-9	Bromomethane	1.70	U	1	1.70	8.00	ug/Kg	10/22/25 14:07	VY102225
75-00-3	Chloroethane	2.00	U	1	2.00	8.00	ug/Kg	10/22/25 14:07	VY102225
75-69-4	Trichlorofluoromethane	1.90	U	1	1.90	8.00	ug/Kg	10/22/25 14:07	VY102225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.70	U	1	1.70	8.00	ug/Kg	10/22/25 14:07	VY102225
75-35-4	1,1-Dichloroethene	1.60	U	1	1.60	8.00	ug/Kg	10/22/25 14:07	VY102225
67-64-1	Acetone	36.3	J	1	7.60	39.9	ug/Kg	10/22/25 14:07	VY102225
75-15-0	Carbon Disulfide	7.80	J	1	1.70	8.00	ug/Kg	10/22/25 14:07	VY102225
1634-04-4	Methyl tert-butyl Ether	1.20	U	1	1.20	8.00	ug/Kg	10/22/25 14:07	VY102225
79-20-9	Methyl Acetate	2.50	U	1	2.50	8.00	ug/Kg	10/22/25 14:07	VY102225
75-09-2	Methylene Chloride	5.60	U	1	5.60	16.0	ug/Kg	10/22/25 14:07	VY102225
156-60-5	trans-1,2-Dichloroethene	1.40	U	1	1.40	8.00	ug/Kg	10/22/25 14:07	VY102225
75-34-3	1,1-Dichloroethane	1.30	U	1	1.30	8.00	ug/Kg	10/22/25 14:07	VY102225
110-82-7	Cyclohexane	1.30	U	1	1.30	8.00	ug/Kg	10/22/25 14:07	VY102225
78-93-3	2-Butanone	10.4	U	1	10.4	39.9	ug/Kg	10/22/25 14:07	VY102225
56-23-5	Carbon Tetrachloride	1.50	U	1	1.50	8.00	ug/Kg	10/22/25 14:07	VY102225
156-59-2	cis-1,2-Dichloroethene	1.20	U	1	1.20	8.00	ug/Kg	10/22/25 14:07	VY102225
74-97-5	Bromochloromethane	1.80	U	1	1.80	8.00	ug/Kg	10/22/25 14:07	VY102225
67-66-3	Chloroform	1.30	U	1	1.30	8.00	ug/Kg	10/22/25 14:07	VY102225
71-55-6	1,1,1-Trichloroethane	1.50	U	1	1.50	8.00	ug/Kg	10/22/25 14:07	VY102225
108-87-2	Methylcyclohexane	1.50	U	1	1.50	8.00	ug/Kg	10/22/25 14:07	VY102225
71-43-2	Benzene	1.30	U	1	1.30	8.00	ug/Kg	10/22/25 14:07	VY102225
107-06-2	1,2-Dichloroethane	1.30	U	1	1.30	8.00	ug/Kg	10/22/25 14:07	VY102225
79-01-6	Trichloroethene	1.30	U	1	1.30	8.00	ug/Kg	10/22/25 14:07	VY102225
78-87-5	1,2-Dichloropropane	1.50	U	1	1.50	8.00	ug/Kg	10/22/25 14:07	VY102225
75-27-4	Bromodichloromethane	1.20	U	1	1.20	8.00	ug/Kg	10/22/25 14:07	VY102225
108-10-1	4-Methyl-2-Pentanone	5.70	U	1	5.70	39.9	ug/Kg	10/22/25 14:07	VY102225
108-88-3	Toluene	1.20	U	1	1.20	8.00	ug/Kg	10/22/25 14:07	VY102225
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	1.00	8.00	ug/Kg	10/22/25 14:07	VY102225
10061-01-5	cis-1,3-Dichloropropene	0.99	U	1	0.99	8.00	ug/Kg	10/22/25 14:07	VY102225
79-00-5	1,1,2-Trichloroethane	1.50	U	1	1.50	8.00	ug/Kg	10/22/25 14:07	VY102225
591-78-6	2-Hexanone	5.90	U	1	5.90	39.9	ug/Kg	10/22/25 14:07	VY102225
124-48-1	Dibromochloromethane	1.40	U	1	1.40	8.00	ug/Kg	10/22/25 14:07	VY102225
106-93-4	1,2-Dibromoethane	1.40	U	1	1.40	8.00	ug/Kg	10/22/25 14:07	VY102225
127-18-4	Tetrachloroethene	1.70	U	1	1.70	8.00	ug/Kg	10/22/25 14:07	VY102225
108-90-7	Chlorobenzene	1.50	U	1	1.50	8.00	ug/Kg	10/22/25 14:07	VY102225
100-41-4	Ethyl Benzene	1.10	U	1	1.10	8.00	ug/Kg	10/22/25 14:07	VY102225
179601-23-1	m/p-Xylenes	2.00	U	1	2.00	16.0	ug/Kg	10/22/25 14:07	VY102225
95-47-6	o-Xylene	1.30	U	1	1.30	8.00	ug/Kg	10/22/25 14:07	VY102225
100-42-5	Styrene	1.10	U	1	1.10	8.00	ug/Kg	10/22/25 14:07	VY102225
75-25-2	Bromoform	1.40	U	1	1.40	8.00	ug/Kg	10/22/25 14:07	VY102225

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Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR-132-S16-015094-202510	SDG No.:	Q3419
Lab Sample ID:	Q3419-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	54.4
Sample Wt/Vol:	5.76 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.20	U	1	1.20	8.00	ug/Kg	10/22/25 14:07	VY102225
79-34-5	1,1,2,2-Tetrachloroethane	1.90	U	1	1.90	8.00	ug/Kg	10/22/25 14:07	VY102225
541-73-1	1,3-Dichlorobenzene	2.70	U	1	2.70	8.00	ug/Kg	10/22/25 14:07	VY102225
106-46-7	1,4-Dichlorobenzene	2.50	U	1	2.50	8.00	ug/Kg	10/22/25 14:07	VY102225
95-50-1	1,2-Dichlorobenzene	2.30	U	1	2.30	8.00	ug/Kg	10/22/25 14:07	VY102225
96-12-8	1,2-Dibromo-3-Chloropropane	2.90	U	1	2.90	8.00	ug/Kg	10/22/25 14:07	VY102225
120-82-1	1,2,4-Trichlorobenzene	4.70	U	1	4.70	8.00	ug/Kg	10/22/25 14:07	VY102225
87-61-6	1,2,3-Trichlorobenzene	5.10	U	1	5.10	8.00	ug/Kg	10/22/25 14:07	VY102225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	44.2			63 - 155	88%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.8			70 - 134	96%	SPK: 50		
2037-26-5	Toluene-d8	47.7			74 - 123	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	39.4			17 - 146	79%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	786000							
540-36-3	1,4-Difluorobenzene	1180000							
3114-55-4	Chlorobenzene-d5	923000							
3855-82-1	1,4-Dichlorobenzene-d4	368000							

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