

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S16-119133-202510
Lab Sample ID: Q3419-04
Analytical Method: 8260D
Sample Wt/Vol: 5.25 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3419
Matrix: SOIL
% Solid: 51.7
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	2.10	U	1	2.10	9.20	ug/Kg	10/22/25 15:34	VY102225
74-87-3	Chloromethane	2.10	U	1	2.10	9.20	ug/Kg	10/22/25 15:34	VY102225
75-01-4	Vinyl Chloride	1.50	U	1	1.50	9.20	ug/Kg	10/22/25 15:34	VY102225
74-83-9	Bromomethane	2.00	U	1	2.00	9.20	ug/Kg	10/22/25 15:34	VY102225
75-00-3	Chloroethane	2.30	U	1	2.30	9.20	ug/Kg	10/22/25 15:34	VY102225
75-69-4	Trichlorofluoromethane	2.20	U	1	2.20	9.20	ug/Kg	10/22/25 15:34	VY102225
76-13-1	1,1,2-Trichlorotrifluoroethane	2.00	U	1	2.00	9.20	ug/Kg	10/22/25 15:34	VY102225
75-35-4	1,1-Dichloroethene	1.80	U	1	1.80	9.20	ug/Kg	10/22/25 15:34	VY102225
67-64-1	Acetone	63.1		1	8.70	46.1	ug/Kg	10/22/25 15:34	VY102225
75-15-0	Carbon Disulfide	3.80	J	1	2.00	9.20	ug/Kg	10/22/25 15:34	VY102225
1634-04-4	Methyl tert-butyl Ether	1.30	U	1	1.30	9.20	ug/Kg	10/22/25 15:34	VY102225
79-20-9	Methyl Acetate	2.80	U	1	2.80	9.20	ug/Kg	10/22/25 15:34	VY102225
75-09-2	Methylene Chloride	6.50	U	1	6.50	18.4	ug/Kg	10/22/25 15:34	VY102225
156-60-5	trans-1,2-Dichloroethene	1.60	U	1	1.60	9.20	ug/Kg	10/22/25 15:34	VY102225
75-34-3	1,1-Dichloroethane	1.50	U	1	1.50	9.20	ug/Kg	10/22/25 15:34	VY102225
110-82-7	Cyclohexane	1.50	U	1	1.50	9.20	ug/Kg	10/22/25 15:34	VY102225
78-93-3	2-Butanone	20.1	J	1	12.0	46.1	ug/Kg	10/22/25 15:34	VY102225
56-23-5	Carbon Tetrachloride	1.80	U	1	1.80	9.20	ug/Kg	10/22/25 15:34	VY102225
156-59-2	cis-1,2-Dichloroethene	1.40	U	1	1.40	9.20	ug/Kg	10/22/25 15:34	VY102225
74-97-5	Bromochloromethane	2.10	U	1	2.10	9.20	ug/Kg	10/22/25 15:34	VY102225
67-66-3	Chloroform	1.50	U	1	1.50	9.20	ug/Kg	10/22/25 15:34	VY102225
71-55-6	1,1,1-Trichloroethane	1.70	U	1	1.70	9.20	ug/Kg	10/22/25 15:34	VY102225
108-87-2	Methylcyclohexane	16.8		1	1.70	9.20	ug/Kg	10/22/25 15:34	VY102225
71-43-2	Benzene	1.50	U	1	1.50	9.20	ug/Kg	10/22/25 15:34	VY102225
107-06-2	1,2-Dichloroethane	1.50	U	1	1.50	9.20	ug/Kg	10/22/25 15:34	VY102225
79-01-6	Trichloroethene	1.50	U	1	1.50	9.20	ug/Kg	10/22/25 15:34	VY102225
78-87-5	1,2-Dichloropropane	1.70	U	1	1.70	9.20	ug/Kg	10/22/25 15:34	VY102225
75-27-4	Bromodichloromethane	1.40	U	1	1.40	9.20	ug/Kg	10/22/25 15:34	VY102225
108-10-1	4-Methyl-2-Pentanone	6.60	U	1	6.60	46.1	ug/Kg	10/22/25 15:34	VY102225
108-88-3	Toluene	1.40	U	1	1.40	9.20	ug/Kg	10/22/25 15:34	VY102225
10061-02-6	t-1,3-Dichloropropene	1.20	U	1	1.20	9.20	ug/Kg	10/22/25 15:34	VY102225
10061-01-5	cis-1,3-Dichloropropene	1.10	U	1	1.10	9.20	ug/Kg	10/22/25 15:34	VY102225
79-00-5	1,1,2-Trichloroethane	1.70	U	1	1.70	9.20	ug/Kg	10/22/25 15:34	VY102225
591-78-6	2-Hexanone	6.80	U	1	6.80	46.1	ug/Kg	10/22/25 15:34	VY102225
124-48-1	Dibromochloromethane	1.60	U	1	1.60	9.20	ug/Kg	10/22/25 15:34	VY102225
106-93-4	1,2-Dibromoethane	1.60	U	1	1.60	9.20	ug/Kg	10/22/25 15:34	VY102225
127-18-4	Tetrachloroethene	1.90	U	1	1.90	9.20	ug/Kg	10/22/25 15:34	VY102225
108-90-7	Chlorobenzene	1.70	U	1	1.70	9.20	ug/Kg	10/22/25 15:34	VY102225
100-41-4	Ethyl Benzene	1.20	U	1	1.20	9.20	ug/Kg	10/22/25 15:34	VY102225
179601-23-1	m/p-Xylenes	2.30	U	1	2.30	18.4	ug/Kg	10/22/25 15:34	VY102225
95-47-6	o-Xylene	1.50	U	1	1.50	9.20	ug/Kg	10/22/25 15:34	VY102225
100-42-5	Styrene	1.30	U	1	1.30	9.20	ug/Kg	10/22/25 15:34	VY102225
75-25-2	Bromoform	1.60	U	1	1.60	9.20	ug/Kg	10/22/25 15:34	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:	PR132-S16-119133-202510	SDG No.:	Q3419
Lab Sample ID:	Q3419-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	51.7
Sample Wt/Vol:	5.25 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	1.40	U	1	1.40	9.20	ug/Kg	10/22/25 15:34	VY102225
79-34-5	1,1,2,2-Tetrachloroethane	2.20	U	1	2.20	9.20	ug/Kg	10/22/25 15:34	VY102225
541-73-1	1,3-Dichlorobenzene	3.20	U	1	3.20	9.20	ug/Kg	10/22/25 15:34	VY102225
106-46-7	1,4-Dichlorobenzene	2.90	U	1	2.90	9.20	ug/Kg	10/22/25 15:34	VY102225
95-50-1	1,2-Dichlorobenzene	2.70	U	1	2.70	9.20	ug/Kg	10/22/25 15:34	VY102225
96-12-8	1,2-Dibromo-3-Chloropropane	3.40	U	1	3.40	9.20	ug/Kg	10/22/25 15:34	VY102225
120-82-1	1,2,4-Trichlorobenzene	5.50	U	1	5.50	9.20	ug/Kg	10/22/25 15:34	VY102225
87-61-6	1,2,3-Trichlorobenzene	5.90	U	1	5.90	9.20	ug/Kg	10/22/25 15:34	VY102225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.5			63 - 155	107%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.4			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	50.6			74 - 123	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.1			17 - 146	94%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	900000							
540-36-3	1,4-Difluorobenzene	1450000							
3114-55-4	Chlorobenzene-d5	1220000							
3855-82-1	1,4-Dichlorobenzene-d4	499000							
TENTATIVE IDENTIFIED COMPOUNDS									
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	140	J			11.0	ug/Kg		
015869-94-0	Octane, 3,6-dimethyl-	200	J			12.1	ug/Kg		
95-63-6	1,2,4-Trimethylbenzene	2.30	J			13.0	ug/Kg		
017301-23-4	Undecane, 2,6-dimethyl-	150	J			14.7	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