

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S08-013038-202510
Lab Sample ID: Q3393-03
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3393
Matrix: SOIL
% Solid: 52.8
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	9.50	U	1	2.20	9.50	ug/Kg	10/21/25 12:38	VY102125
74-87-3	Chloromethane	9.50	U	1	2.20	9.50	ug/Kg	10/21/25 12:38	VY102125
75-01-4	Vinyl Chloride	9.50	U	1	1.50	9.50	ug/Kg	10/21/25 12:38	VY102125
74-83-9	Bromomethane	9.50	U	1	2.00	9.50	ug/Kg	10/21/25 12:38	VY102125
75-00-3	Chloroethane	9.50	U	1	2.40	9.50	ug/Kg	10/21/25 12:38	VY102125
75-69-4	Trichlorofluoromethane	9.50	U	1	2.30	9.50	ug/Kg	10/21/25 12:38	VY102125
76-13-1	1,1,2-Trichlorotrifluoroethane	9.50	U	1	2.00	9.50	ug/Kg	10/21/25 12:38	VY102125
75-35-4	1,1-Dichloroethene	9.50	U	1	1.90	9.50	ug/Kg	10/21/25 12:38	VY102125
67-64-1	Acetone	78.3		1	9.00	47.3	ug/Kg	10/21/25 12:38	VY102125
75-15-0	Carbon Disulfide	2.70	J	1	2.00	9.50	ug/Kg	10/21/25 12:38	VY102125
1634-04-4	Methyl tert-butyl Ether	9.50	U	1	1.40	9.50	ug/Kg	10/21/25 12:38	VY102125
79-20-9	Methyl Acetate	9.50	U	1	2.90	9.50	ug/Kg	10/21/25 12:38	VY102125
75-09-2	Methylene Chloride	18.9	U	1	6.70	18.9	ug/Kg	10/21/25 12:38	VY102125
156-60-5	trans-1,2-Dichloroethene	9.50	U	1	1.60	9.50	ug/Kg	10/21/25 12:38	VY102125
75-34-3	1,1-Dichloroethane	9.50	U	1	1.50	9.50	ug/Kg	10/21/25 12:38	VY102125
110-82-7	Cyclohexane	9.50	U	1	1.50	9.50	ug/Kg	10/21/25 12:38	VY102125
78-93-3	2-Butanone	22.5	J	1	12.4	47.3	ug/Kg	10/21/25 12:38	VY102125
56-23-5	Carbon Tetrachloride	9.50	U	1	1.80	9.50	ug/Kg	10/21/25 12:38	VY102125
156-59-2	cis-1,2-Dichloroethene	9.50	U	1	1.40	9.50	ug/Kg	10/21/25 12:38	VY102125
74-97-5	Bromochloromethane	9.50	U	1	2.20	9.50	ug/Kg	10/21/25 12:38	VY102125
67-66-3	Chloroform	9.50	U	1	1.60	9.50	ug/Kg	10/21/25 12:38	VY102125
71-55-6	1,1,1-Trichloroethane	9.50	U	1	1.80	9.50	ug/Kg	10/21/25 12:38	VY102125
108-87-2	Methylcyclohexane	18.6		1	1.70	9.50	ug/Kg	10/21/25 12:38	VY102125
71-43-2	Benzene	9.50	U	1	1.50	9.50	ug/Kg	10/21/25 12:38	VY102125
107-06-2	1,2-Dichloroethane	9.50	U	1	1.50	9.50	ug/Kg	10/21/25 12:38	VY102125
79-01-6	Trichloroethene	9.50	U	1	1.50	9.50	ug/Kg	10/21/25 12:38	VY102125
78-87-5	1,2-Dichloropropane	9.50	U	1	1.70	9.50	ug/Kg	10/21/25 12:38	VY102125
75-27-4	Bromodichloromethane	9.50	U	1	1.50	9.50	ug/Kg	10/21/25 12:38	VY102125
108-10-1	4-Methyl-2-Pentanone	47.3	U	1	6.80	47.3	ug/Kg	10/21/25 12:38	VY102125
108-88-3	Toluene	9.50	U	1	1.50	9.50	ug/Kg	10/21/25 12:38	VY102125
10061-02-6	t-1,3-Dichloropropene	9.50	U	1	1.20	9.50	ug/Kg	10/21/25 12:38	VY102125
10061-01-5	cis-1,3-Dichloropropene	9.50	U	1	1.20	9.50	ug/Kg	10/21/25 12:38	VY102125
79-00-5	1,1,2-Trichloroethane	9.50	U	1	1.70	9.50	ug/Kg	10/21/25 12:38	VY102125
591-78-6	2-Hexanone	47.3	U	1	7.00	47.3	ug/Kg	10/21/25 12:38	VY102125
124-48-1	Dibromochloromethane	9.50	U	1	1.60	9.50	ug/Kg	10/21/25 12:38	VY102125
106-93-4	1,2-Dibromoethane	9.50	U	1	1.70	9.50	ug/Kg	10/21/25 12:38	VY102125
127-18-4	Tetrachloroethene	9.50	U	1	2.00	9.50	ug/Kg	10/21/25 12:38	VY102125
108-90-7	Chlorobenzene	9.50	U	1	1.70	9.50	ug/Kg	10/21/25 12:38	VY102125
100-41-4	Ethyl Benzene	9.50	U	1	1.30	9.50	ug/Kg	10/21/25 12:38	VY102125
179601-23-1	m/p-Xylenes	18.9	U	1	2.30	18.9	ug/Kg	10/21/25 12:38	VY102125
95-47-6	o-Xylene	9.50	U	1	1.60	9.50	ug/Kg	10/21/25 12:38	VY102125
100-42-5	Styrene	9.50	U	1	1.30	9.50	ug/Kg	10/21/25 12:38	VY102125
75-25-2	Bromoform	9.50	U	1	1.60	9.50	ug/Kg	10/21/25 12:38	VY102125

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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-S08-013038-202510	SDG No.:	Q3393
Lab Sample ID:	Q3393-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	52.8
Sample Wt/Vol:	5 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	9.50	U	1	1.50	9.50	ug/Kg	10/21/25 12:38	VY102125
79-34-5	1,1,2,2-Tetrachloroethane	9.50	U	1	2.30	9.50	ug/Kg	10/21/25 12:38	VY102125
541-73-1	1,3-Dichlorobenzene	9.50	U	1	3.20	9.50	ug/Kg	10/21/25 12:38	VY102125
106-46-7	1,4-Dichlorobenzene	9.50	U	1	3.00	9.50	ug/Kg	10/21/25 12:38	VY102125
95-50-1	1,2-Dichlorobenzene	9.50	U	1	2.70	9.50	ug/Kg	10/21/25 12:38	VY102125
96-12-8	1,2-Dibromo-3-Chloropropane	9.50	U	1	3.50	9.50	ug/Kg	10/21/25 12:38	VY102125
120-82-1	1,2,4-Trichlorobenzene	9.50	U	1	5.60	9.50	ug/Kg	10/21/25 12:38	VY102125
87-61-6	1,2,3-Trichlorobenzene	9.50	U	1	6.00	9.50	ug/Kg	10/21/25 12:38	VY102125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.8			63 - 155	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.8			70 - 134	102%	SPK: 50		
2037-26-5	Toluene-d8	51.6			74 - 123	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	45.2			17 - 146	90%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	731000							
540-36-3	1,4-Difluorobenzene	1210000							
3114-55-4	Chlorobenzene-d5	1010000							
3855-82-1	1,4-Dichlorobenzene-d4	385000							
TENTATIVE IDENTIFIED COMPOUNDS									
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	110	J			11.0	ug/Kg		
95-63-6	1,2,4-Trimethylbenzene	4.20	J			13.0	ug/Kg		
000091-17-8	Naphthalene, decahydro-	89.9	J			13.7	ug/Kg		
017301-23-4	Undecane, 2,6-dimethyl-	130	J			14.6	ug/Kg		
002051-30-1	Octane, 2,6-dimethyl-	85.5	J			15.1	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