

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S06-000021-202510
Lab Sample ID: Q3393-04
Analytical Method: 8260D
Sample Wt/Vol: 4.61 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3393
Matrix: SOIL
% Solid: 56.2
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	9.60	U	1	2.20	9.60	ug/Kg	10/20/25 18:09	VY102025
74-87-3	Chloromethane	9.60	U	1	2.20	9.60	ug/Kg	10/20/25 18:09	VY102025
75-01-4	Vinyl Chloride	9.60	U	1	1.50	9.60	ug/Kg	10/20/25 18:09	VY102025
74-83-9	Bromomethane	9.60	U	1	2.10	9.60	ug/Kg	10/20/25 18:09	VY102025
75-00-3	Chloroethane	9.60	U	1	2.40	9.60	ug/Kg	10/20/25 18:09	VY102025
75-69-4	Trichlorofluoromethane	9.60	U	1	2.30	9.60	ug/Kg	10/20/25 18:09	VY102025
76-13-1	1,1,2-Trichlorotrifluoroethane	9.60	U	1	2.00	9.60	ug/Kg	10/20/25 18:09	VY102025
75-35-4	1,1-Dichloroethene	9.60	U	1	1.90	9.60	ug/Kg	10/20/25 18:09	VY102025
67-64-1	Acetone	64.4		1	9.10	48.2	ug/Kg	10/20/25 18:09	VY102025
75-15-0	Carbon Disulfide	14.7		1	2.00	9.60	ug/Kg	10/20/25 18:09	VY102025
1634-04-4	Methyl tert-butyl Ether	9.60	U	1	1.40	9.60	ug/Kg	10/20/25 18:09	VY102025
79-20-9	Methyl Acetate	9.60	U	1	3.00	9.60	ug/Kg	10/20/25 18:09	VY102025
75-09-2	Methylene Chloride	19.3	U	1	6.80	19.3	ug/Kg	10/20/25 18:09	VY102025
156-60-5	trans-1,2-Dichloroethene	9.60	U	1	1.70	9.60	ug/Kg	10/20/25 18:09	VY102025
75-34-3	1,1-Dichloroethane	9.60	U	1	1.50	9.60	ug/Kg	10/20/25 18:09	VY102025
110-82-7	Cyclohexane	9.60	U	1	1.50	9.60	ug/Kg	10/20/25 18:09	VY102025
78-93-3	2-Butanone	18.9	J	1	12.6	48.2	ug/Kg	10/20/25 18:09	VY102025
56-23-5	Carbon Tetrachloride	9.60	U	1	1.90	9.60	ug/Kg	10/20/25 18:09	VY102025
156-59-2	cis-1,2-Dichloroethene	9.60	U	1	1.40	9.60	ug/Kg	10/20/25 18:09	VY102025
74-97-5	Bromochloromethane	9.60	U	1	2.20	9.60	ug/Kg	10/20/25 18:09	VY102025
67-66-3	Chloroform	9.60	U	1	1.60	9.60	ug/Kg	10/20/25 18:09	VY102025
71-55-6	1,1,1-Trichloroethane	9.60	U	1	1.80	9.60	ug/Kg	10/20/25 18:09	VY102025
108-87-2	Methylcyclohexane	9.60	U	1	1.80	9.60	ug/Kg	10/20/25 18:09	VY102025
71-43-2	Benzene	9.60	U	1	1.50	9.60	ug/Kg	10/20/25 18:09	VY102025
107-06-2	1,2-Dichloroethane	9.60	U	1	1.50	9.60	ug/Kg	10/20/25 18:09	VY102025
79-01-6	Trichloroethene	9.60	U	1	1.60	9.60	ug/Kg	10/20/25 18:09	VY102025
78-87-5	1,2-Dichloropropane	9.60	U	1	1.80	9.60	ug/Kg	10/20/25 18:09	VY102025
75-27-4	Bromodichloromethane	9.60	U	1	1.50	9.60	ug/Kg	10/20/25 18:09	VY102025
108-10-1	4-Methyl-2-Pentanone	48.2	U	1	6.90	48.2	ug/Kg	10/20/25 18:09	VY102025
108-88-3	Toluene	9.60	U	1	1.50	9.60	ug/Kg	10/20/25 18:09	VY102025
10061-02-6	t-1,3-Dichloropropene	9.60	U	1	1.30	9.60	ug/Kg	10/20/25 18:09	VY102025
10061-01-5	cis-1,3-Dichloropropene	9.60	U	1	1.20	9.60	ug/Kg	10/20/25 18:09	VY102025
79-00-5	1,1,2-Trichloroethane	9.60	U	1	1.80	9.60	ug/Kg	10/20/25 18:09	VY102025
591-78-6	2-Hexanone	48.2	U	1	7.10	48.2	ug/Kg	10/20/25 18:09	VY102025
124-48-1	Dibromochloromethane	9.60	U	1	1.70	9.60	ug/Kg	10/20/25 18:09	VY102025
106-93-4	1,2-Dibromoethane	9.60	U	1	1.70	9.60	ug/Kg	10/20/25 18:09	VY102025
127-18-4	Tetrachloroethene	9.60	U	1	2.00	9.60	ug/Kg	10/20/25 18:09	VY102025
108-90-7	Chlorobenzene	9.60	U	1	1.80	9.60	ug/Kg	10/20/25 18:09	VY102025
100-41-4	Ethyl Benzene	9.60	U	1	1.30	9.60	ug/Kg	10/20/25 18:09	VY102025
179601-23-1	m/p-Xylenes	19.3	U	1	2.40	19.3	ug/Kg	10/20/25 18:09	VY102025
95-47-6	o-Xylene	9.60	U	1	1.60	9.60	ug/Kg	10/20/25 18:09	VY102025
100-42-5	Styrene	9.60	U	1	1.40	9.60	ug/Kg	10/20/25 18:09	VY102025
75-25-2	Bromoform	9.60	U	1	1.70	9.60	ug/Kg	10/20/25 18:09	VY102025

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	9.60	U	1	1.50	9.60	ug/Kg	10/20/25 18:09	VY102025
79-34-5	1,1,2,2-Tetrachloroethane	9.60	U	1	2.30	9.60	ug/Kg	10/20/25 18:09	VY102025
541-73-1	1,3-Dichlorobenzene	9.60	U	1	3.30	9.60	ug/Kg	10/20/25 18:09	VY102025
106-46-7	1,4-Dichlorobenzene	9.60	U	1	3.00	9.60	ug/Kg	10/20/25 18:09	VY102025
95-50-1	1,2-Dichlorobenzene	9.60	U	1	2.80	9.60	ug/Kg	10/20/25 18:09	VY102025
96-12-8	1,2-Dibromo-3-Chloropropane	9.60	U	1	3.60	9.60	ug/Kg	10/20/25 18:09	VY102025
120-82-1	1,2,4-Trichlorobenzene	9.60	U	1	5.70	9.60	ug/Kg	10/20/25 18:09	VY102025
87-61-6	1,2,3-Trichlorobenzene	9.60	U	1	6.10	9.60	ug/Kg	10/20/25 18:09	VY102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.5			63 - 155	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.2			70 - 134	104%	SPK: 50		
2037-26-5	Toluene-d8	52.4			74 - 123	105%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.0			17 - 146	100%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	635000							
540-36-3	1,4-Difluorobenzene	1070000							
3114-55-4	Chlorobenzene-d5	943000							
3855-82-1	1,4-Dichlorobenzene-d4	398000							
TENTATIVE IDENTIFIED COMPOUNDS									
000123-48-8	3-Heptene, 2,2,4,6,6-pentamethyl-	74.0	J			12.9	ug/Kg		
002958-76-1	Naphthalene, decahydro-2-methyl-	67.2	J			14.2	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