

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S10-000022-202510
Lab Sample ID: Q3393-01
Analytical Method: 8260D
Sample Wt/Vol: 8.02 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3393
Matrix: SOIL
% Solid: 56
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	5.60	U	1	1.30	5.60	ug/Kg	10/20/25 16:46	VW102025
74-87-3	Chloromethane	5.60	U	1	1.30	5.60	ug/Kg	10/20/25 16:46	VW102025
75-01-4	Vinyl Chloride	5.60	U	1	0.88	5.60	ug/Kg	10/20/25 16:46	VW102025
74-83-9	Bromomethane	5.60	U	1	1.20	5.60	ug/Kg	10/20/25 16:46	VW102025
75-00-3	Chloroethane	5.60	U	1	1.40	5.60	ug/Kg	10/20/25 16:46	VW102025
75-69-4	Trichlorofluoromethane	5.60	U	1	1.30	5.60	ug/Kg	10/20/25 16:46	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	5.60	U	1	1.20	5.60	ug/Kg	10/20/25 16:46	VW102025
75-35-4	1,1-Dichloroethene	5.60	U	1	1.10	5.60	ug/Kg	10/20/25 16:46	VW102025
67-64-1	Acetone	270		1	5.30	27.8	ug/Kg	10/20/25 16:46	VW102025
75-15-0	Carbon Disulfide	26.1		1	1.20	5.60	ug/Kg	10/20/25 16:46	VW102025
1634-04-4	Methyl tert-butyl Ether	5.60	U	1	0.81	5.60	ug/Kg	10/20/25 16:46	VW102025
79-20-9	Methyl Acetate	5.60	U	1	1.70	5.60	ug/Kg	10/20/25 16:46	VW102025
75-09-2	Methylene Chloride	11.1	U	1	3.90	11.1	ug/Kg	10/20/25 16:46	VW102025
156-60-5	trans-1,2-Dichloroethene	5.60	U	1	0.96	5.60	ug/Kg	10/20/25 16:46	VW102025
75-34-3	1,1-Dichloroethane	5.60	U	1	0.89	5.60	ug/Kg	10/20/25 16:46	VW102025
110-82-7	Cyclohexane	5.60	U	1	0.88	5.60	ug/Kg	10/20/25 16:46	VW102025
78-93-3	2-Butanone	73.2		1	7.30	27.8	ug/Kg	10/20/25 16:46	VW102025
56-23-5	Carbon Tetrachloride	5.60	U	1	1.10	5.60	ug/Kg	10/20/25 16:46	VW102025
156-59-2	cis-1,2-Dichloroethene	5.60	U	1	0.83	5.60	ug/Kg	10/20/25 16:46	VW102025
74-97-5	Bromochloromethane	5.60	U	1	1.30	5.60	ug/Kg	10/20/25 16:46	VW102025
67-66-3	Chloroform	5.60	U	1	0.94	5.60	ug/Kg	10/20/25 16:46	VW102025
71-55-6	1,1,1-Trichloroethane	5.60	U	1	1.00	5.60	ug/Kg	10/20/25 16:46	VW102025
108-87-2	Methylcyclohexane	5.60	U	1	1.00	5.60	ug/Kg	10/20/25 16:46	VW102025
71-43-2	Benzene	1.40	J	1	0.88	5.60	ug/Kg	10/20/25 16:46	VW102025
107-06-2	1,2-Dichloroethane	5.60	U	1	0.88	5.60	ug/Kg	10/20/25 16:46	VW102025
79-01-6	Trichloroethene	5.60	U	1	0.90	5.60	ug/Kg	10/20/25 16:46	VW102025
78-87-5	1,2-Dichloropropane	5.60	U	1	1.00	5.60	ug/Kg	10/20/25 16:46	VW102025
75-27-4	Bromodichloromethane	5.60	U	1	0.87	5.60	ug/Kg	10/20/25 16:46	VW102025
108-10-1	4-Methyl-2-Pentanone	27.8	U	1	4.00	27.8	ug/Kg	10/20/25 16:46	VW102025
108-88-3	Toluene	5.60	U	1	0.87	5.60	ug/Kg	10/20/25 16:46	VW102025
10061-02-6	t-1,3-Dichloropropene	5.60	U	1	0.72	5.60	ug/Kg	10/20/25 16:46	VW102025
10061-01-5	cis-1,3-Dichloropropene	5.60	U	1	0.69	5.60	ug/Kg	10/20/25 16:46	VW102025
79-00-5	1,1,2-Trichloroethane	5.60	U	1	1.00	5.60	ug/Kg	10/20/25 16:46	VW102025
591-78-6	2-Hexanone	27.8	U	1	4.10	27.8	ug/Kg	10/20/25 16:46	VW102025
124-48-1	Dibromochloromethane	5.60	U	1	0.97	5.60	ug/Kg	10/20/25 16:46	VW102025
106-93-4	1,2-Dibromoethane	5.60	U	1	0.98	5.60	ug/Kg	10/20/25 16:46	VW102025
127-18-4	Tetrachloroethene	5.60	U	1	1.20	5.60	ug/Kg	10/20/25 16:46	VW102025
108-90-7	Chlorobenzene	5.60	U	1	1.00	5.60	ug/Kg	10/20/25 16:46	VW102025
100-41-4	Ethyl Benzene	2.20	J	1	0.75	5.60	ug/Kg	10/20/25 16:46	VW102025
179601-23-1	m/p-Xylenes	8.30	J	1	1.40	11.1	ug/Kg	10/20/25 16:46	VW102025
95-47-6	o-Xylene	13.1		1	0.91	5.60	ug/Kg	10/20/25 16:46	VW102025
100-42-5	Styrene	5.60	U	1	0.79	5.60	ug/Kg	10/20/25 16:46	VW102025
75-25-2	Bromoform	5.60	U	1	0.96	5.60	ug/Kg	10/20/25 16:46	VW102025

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	2.40	J	1	0.87	5.60	ug/Kg	10/20/25 16:46	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	5.60	U	1	1.30	5.60	ug/Kg	10/20/25 16:46	VW102025
541-73-1	1,3-Dichlorobenzene	5.60	U	1	1.90	5.60	ug/Kg	10/20/25 16:46	VW102025
106-46-7	1,4-Dichlorobenzene	5.60	U	1	1.70	5.60	ug/Kg	10/20/25 16:46	VW102025
95-50-1	1,2-Dichlorobenzene	5.60	U	1	1.60	5.60	ug/Kg	10/20/25 16:46	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	5.60	U	1	2.00	5.60	ug/Kg	10/20/25 16:46	VW102025
120-82-1	1,2,4-Trichlorobenzene	5.60	U	1	3.30	5.60	ug/Kg	10/20/25 16:46	VW102025
87-61-6	1,2,3-Trichlorobenzene	5.60	U	1	3.50	5.60	ug/Kg	10/20/25 16:46	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	64.3			63 - 155	129%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.1			70 - 134	110%	SPK: 50		
2037-26-5	Toluene-d8	53.7			74 - 123	107%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.4			17 - 146	115%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	223000							
540-36-3	1,4-Difluorobenzene	496000							
3114-55-4	Chlorobenzene-d5	494000							
3855-82-1	1,4-Dichlorobenzene-d4	206000							
TENTATIVE IDENTIFIED COMPOUNDS									
002051-30-1	Octane, 2,6-dimethyl-	48.3	J			12.3	ug/Kg		
103-65-1	n-propylbenzene	2.30	J			12.8	ug/Kg		
108-67-8	1,3,5-Trimethylbenzene	2.50	J			12.9	ug/Kg		
000123-48-8	3-Heptene, 2,2,4,6,6-pentamethyl-	140	J			13.1	ug/Kg		
95-63-6	1,2,4-Trimethylbenzene	6.50	J			13.2	ug/Kg		
017301-23-4	Undecane, 2,6-dimethyl-	80.5	J			14.8	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