

Report of Analysis

Client: HDR, Inc.
Project: PVWC Linear Construction
Client Sample ID: DUPE-0.5-1.0-20251114
Lab Sample ID: Q3649-04
Analytical Method: 8260D
Sample Wt/Vol: 6.21 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/14/25
Date Received: 11/14/25
SDG No.: Q3649
Matrix: SOIL
% Solid: 88.7
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	1.00	4.50	ug/Kg	11/19/25 13:14	VW111925
74-87-3	Chloromethane	1.00	U	1	1.00	4.50	ug/Kg	11/19/25 13:14	VW111925
75-01-4	Vinyl Chloride	0.72	U	1	0.72	4.50	ug/Kg	11/19/25 13:14	VW111925
74-83-9	Bromomethane	0.97	U	1	0.97	4.50	ug/Kg	11/19/25 13:14	VW111925
75-00-3	Chloroethane	1.10	U	1	1.10	4.50	ug/Kg	11/19/25 13:14	VW111925
75-69-4	Trichlorofluoromethane	1.10	U	1	1.10	4.50	ug/Kg	11/19/25 13:14	VW111925
76-13-1	1,1,2-Trichlorotrifluoroethane	0.96	U	1	0.96	4.50	ug/Kg	11/19/25 13:14	VW111925
75-35-4	1,1-Dichloroethene	0.91	U	1	0.91	4.50	ug/Kg	11/19/25 13:14	VW111925
67-64-1	Acetone	28.8		1	4.30	22.7	ug/Kg	11/19/25 13:14	VW111925
75-15-0	Carbon Disulfide	0.96	U	1	0.96	4.50	ug/Kg	11/19/25 13:14	VW111925
1634-04-4	Methyl tert-butyl Ether	0.66	U	1	0.66	4.50	ug/Kg	11/19/25 13:14	VW111925
79-20-9	Methyl Acetate	1.40	U	1	1.40	4.50	ug/Kg	11/19/25 13:14	VW111925
75-09-2	Methylene Chloride	3.20	U	1	3.20	9.10	ug/Kg	11/19/25 13:14	VW111925
156-60-5	trans-1,2-Dichloroethene	0.78	U	1	0.78	4.50	ug/Kg	11/19/25 13:14	VW111925
75-34-3	1,1-Dichloroethane	0.73	U	1	0.73	4.50	ug/Kg	11/19/25 13:14	VW111925
110-82-7	Cyclohexane	0.72	U	1	0.72	4.50	ug/Kg	11/19/25 13:14	VW111925
78-93-3	2-Butanone	5.90	U	1	5.90	22.7	ug/Kg	11/19/25 13:14	VW111925
56-23-5	Carbon Tetrachloride	0.88	U	1	0.88	4.50	ug/Kg	11/19/25 13:14	VW111925
156-59-2	cis-1,2-Dichloroethene	0.68	U	1	0.68	4.50	ug/Kg	11/19/25 13:14	VW111925
74-97-5	Bromochloromethane	1.00	U	1	1.00	4.50	ug/Kg	11/19/25 13:14	VW111925
67-66-3	Chloroform	0.76	U	1	0.76	4.50	ug/Kg	11/19/25 13:14	VW111925
71-55-6	1,1,1-Trichloroethane	0.84	U	1	0.84	4.50	ug/Kg	11/19/25 13:14	VW111925
108-87-2	Methylcyclohexane	0.83	U	1	0.83	4.50	ug/Kg	11/19/25 13:14	VW111925
71-43-2	Benzene	0.72	U	1	0.72	4.50	ug/Kg	11/19/25 13:14	VW111925
107-06-2	1,2-Dichloroethane	0.72	U	1	0.72	4.50	ug/Kg	11/19/25 13:14	VW111925
79-01-6	Trichloroethene	0.74	U	1	0.74	4.50	ug/Kg	11/19/25 13:14	VW111925
78-87-5	1,2-Dichloropropane	0.83	U	1	0.83	4.50	ug/Kg	11/19/25 13:14	VW111925
75-27-4	Bromodichloromethane	0.71	U	1	0.71	4.50	ug/Kg	11/19/25 13:14	VW111925
108-10-1	4-Methyl-2-Pentanone	3.20	U	1	3.20	22.7	ug/Kg	11/19/25 13:14	VW111925
108-88-3	Toluene	0.71	U	1	0.71	4.50	ug/Kg	11/19/25 13:14	VW111925
10061-02-6	t-1,3-Dichloropropene	0.59	U	1	0.59	4.50	ug/Kg	11/19/25 13:14	VW111925
10061-01-5	cis-1,3-Dichloropropene	0.56	U	1	0.56	4.50	ug/Kg	11/19/25 13:14	VW111925
79-00-5	1,1,2-Trichloroethane	0.84	U	1	0.84	4.50	ug/Kg	11/19/25 13:14	VW111925
591-78-6	2-Hexanone	3.30	U	1	3.30	22.7	ug/Kg	11/19/25 13:14	VW111925
124-48-1	Dibromochloromethane	0.79	U	1	0.79	4.50	ug/Kg	11/19/25 13:14	VW111925
106-93-4	1,2-Dibromoethane	0.80	U	1	0.80	4.50	ug/Kg	11/19/25 13:14	VW111925
127-18-4	Tetrachloroethene	0.95	U	1	0.95	4.50	ug/Kg	11/19/25 13:14	VW111925
108-90-7	Chlorobenzene	0.83	U	1	0.83	4.50	ug/Kg	11/19/25 13:14	VW111925
100-41-4	Ethyl Benzene	0.61	U	1	0.61	4.50	ug/Kg	11/19/25 13:14	VW111925
179601-23-1	m/p-Xylenes	1.10	U	1	1.10	9.10	ug/Kg	11/19/25 13:14	VW111925
95-47-6	o-Xylene	0.74	U	1	0.74	4.50	ug/Kg	11/19/25 13:14	VW111925
100-42-5	Styrene	0.64	U	1	0.64	4.50	ug/Kg	11/19/25 13:14	VW111925
75-25-2	Bromoform	0.78	U	1	0.78	4.50	ug/Kg	11/19/25 13:14	VW111925

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.71	U	1	0.71	4.50	ug/Kg	11/19/25 13:14	VW111925
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1	1.10	4.50	ug/Kg	11/19/25 13:14	VW111925
541-73-1	1,3-Dichlorobenzene	1.60	U	1	1.60	4.50	ug/Kg	11/19/25 13:14	VW111925
106-46-7	1,4-Dichlorobenzene	1.40	U	1	1.40	4.50	ug/Kg	11/19/25 13:14	VW111925
95-50-1	1,2-Dichlorobenzene	1.30	U	1	1.30	4.50	ug/Kg	11/19/25 13:14	VW111925
96-12-8	1,2-Dibromo-3-Chloropropane	1.70	U	1	1.70	4.50	ug/Kg	11/19/25 13:14	VW111925
120-82-1	1,2,4-Trichlorobenzene	2.70	U	1	2.70	4.50	ug/Kg	11/19/25 13:14	VW111925
87-61-6	1,2,3-Trichlorobenzene	2.90	U	1	2.90	4.50	ug/Kg	11/19/25 13:14	VW111925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.1			70 (63) - 130 (155)	120%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.6			70 (70) - 130 (134)	97%	SPK: 50		
2037-26-5	Toluene-d8	44.3			70 (74) - 130 (123)	89%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.4			70 (52) - 130 (138)	103%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	198000							
540-36-3	1,4-Difluorobenzene	486000							
3114-55-4	Chlorobenzene-d5	516000							
3855-82-1	1,4-Dichlorobenzene-d4	249000							

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