

Report of Analysis

Client: HDR, Inc.
Project: PVWC Linear Construction
Client Sample ID: B8-0.5-1.0-20251023
Lab Sample ID: Q3466-01
Analytical Method: 8260D
Sample Wt/Vol: 6.29 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/23/25
Date Received: 10/24/25
SDG No.: Q3466
Matrix: SOIL
% Solid: 81.5
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	4.90	ug/Kg	10/27/25 12:07	VY102725
74-87-3	Chloromethane	1.10	U	1	1.10	4.90	ug/Kg	10/27/25 12:07	VY102725
75-01-4	Vinyl Chloride	0.77	U	1	0.77	4.90	ug/Kg	10/27/25 12:07	VY102725
74-83-9	Bromomethane	1.00	U	1	1.00	4.90	ug/Kg	10/27/25 12:07	VY102725
75-00-3	Chloroethane	1.20	U	1	1.20	4.90	ug/Kg	10/27/25 12:07	VY102725
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	4.90	ug/Kg	10/27/25 12:07	VY102725
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	1.00	4.90	ug/Kg	10/27/25 12:07	VY102725
75-35-4	1,1-Dichloroethene	0.98	U	1	0.98	4.90	ug/Kg	10/27/25 12:07	VY102725
67-64-1	Acetone	4.60	U	1	4.60	24.4	ug/Kg	10/27/25 12:07	VY102725
75-15-0	Carbon Disulfide	1.00	U	1	1.00	4.90	ug/Kg	10/27/25 12:07	VY102725
1634-04-4	Methyl tert-butyl Ether	0.71	U	1	0.71	4.90	ug/Kg	10/27/25 12:07	VY102725
79-20-9	Methyl Acetate	1.50	U	1	1.50	4.90	ug/Kg	10/27/25 12:07	VY102725
75-09-2	Methylene Chloride	3.40	U	1	3.40	9.80	ug/Kg	10/27/25 12:07	VY102725
156-60-5	trans-1,2-Dichloroethene	0.84	U	1	0.84	4.90	ug/Kg	10/27/25 12:07	VY102725
75-34-3	1,1-Dichloroethane	0.78	U	1	0.78	4.90	ug/Kg	10/27/25 12:07	VY102725
110-82-7	Cyclohexane	0.77	U	1	0.77	4.90	ug/Kg	10/27/25 12:07	VY102725
78-93-3	2-Butanone	6.40	U	1	6.40	24.4	ug/Kg	10/27/25 12:07	VY102725
56-23-5	Carbon Tetrachloride	0.95	U	1	0.95	4.90	ug/Kg	10/27/25 12:07	VY102725
156-59-2	cis-1,2-Dichloroethene	0.73	U	1	0.73	4.90	ug/Kg	10/27/25 12:07	VY102725
74-97-5	Bromochloromethane	1.10	U	1	1.10	4.90	ug/Kg	10/27/25 12:07	VY102725
67-66-3	Chloroform	0.82	U	1	0.82	4.90	ug/Kg	10/27/25 12:07	VY102725
71-55-6	1,1,1-Trichloroethane	0.91	U	1	0.91	4.90	ug/Kg	10/27/25 12:07	VY102725
108-87-2	Methylcyclohexane	0.89	U	1	0.89	4.90	ug/Kg	10/27/25 12:07	VY102725
71-43-2	Benzene	0.77	U	1	0.77	4.90	ug/Kg	10/27/25 12:07	VY102725
107-06-2	1,2-Dichloroethane	0.77	U	1	0.77	4.90	ug/Kg	10/27/25 12:07	VY102725
79-01-6	Trichloroethene	0.79	U	1	0.79	4.90	ug/Kg	10/27/25 12:07	VY102725
78-87-5	1,2-Dichloropropane	0.89	U	1	0.89	4.90	ug/Kg	10/27/25 12:07	VY102725
75-27-4	Bromodichloromethane	0.76	U	1	0.76	4.90	ug/Kg	10/27/25 12:07	VY102725
108-10-1	4-Methyl-2-Pentanone	3.50	U	1	3.50	24.4	ug/Kg	10/27/25 12:07	VY102725
108-88-3	Toluene	0.76	U	1	0.76	4.90	ug/Kg	10/27/25 12:07	VY102725
10061-02-6	t-1,3-Dichloropropene	0.63	U	1	0.63	4.90	ug/Kg	10/27/25 12:07	VY102725
10061-01-5	cis-1,3-Dichloropropene	0.60	U	1	0.60	4.90	ug/Kg	10/27/25 12:07	VY102725
79-00-5	1,1,2-Trichloroethane	0.90	U	1	0.90	4.90	ug/Kg	10/27/25 12:07	VY102725
591-78-6	2-Hexanone	3.60	U	1	3.60	24.4	ug/Kg	10/27/25 12:07	VY102725
124-48-1	Dibromochloromethane	0.85	U	1	0.85	4.90	ug/Kg	10/27/25 12:07	VY102725
106-93-4	1,2-Dibromoethane	0.86	U	1	0.86	4.90	ug/Kg	10/27/25 12:07	VY102725
127-18-4	Tetrachloroethene	1.00	U	1	1.00	4.90	ug/Kg	10/27/25 12:07	VY102725
108-90-7	Chlorobenzene	0.89	U	1	0.89	4.90	ug/Kg	10/27/25 12:07	VY102725
100-41-4	Ethyl Benzene	0.65	U	1	0.65	4.90	ug/Kg	10/27/25 12:07	VY102725
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	9.80	ug/Kg	10/27/25 12:07	VY102725
95-47-6	o-Xylene	0.80	U	1	0.80	4.90	ug/Kg	10/27/25 12:07	VY102725
100-42-5	Styrene	0.69	U	1	0.69	4.90	ug/Kg	10/27/25 12:07	VY102725
75-25-2	Bromoform	0.84	U	1	0.84	4.90	ug/Kg	10/27/25 12:07	VY102725

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.76	U	1	0.76	4.90	ug/Kg	10/27/25 12:07	VY102725
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	4.90	ug/Kg	10/27/25 12:07	VY102725
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	4.90	ug/Kg	10/27/25 12:07	VY102725
106-46-7	1,4-Dichlorobenzene	1.50	U	1	1.50	4.90	ug/Kg	10/27/25 12:07	VY102725
95-50-1	1,2-Dichlorobenzene	1.40	U	1	1.40	4.90	ug/Kg	10/27/25 12:07	VY102725
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	4.90	ug/Kg	10/27/25 12:07	VY102725
120-82-1	1,2,4-Trichlorobenzene	2.90	U	1	2.90	4.90	ug/Kg	10/27/25 12:07	VY102725
87-61-6	1,2,3-Trichlorobenzene	3.10	U	1	3.10	4.90	ug/Kg	10/27/25 12:07	VY102725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.5			70 (63) - 130 (155)	105%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			70 (70) - 130 (134)	102%	SPK: 50		
2037-26-5	Toluene-d8	49.1			70 (74) - 130 (123)	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	41.7			70 (17) - 130 (146)	83%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	731000							
540-36-3	1,4-Difluorobenzene	1200000							
3114-55-4	Chlorobenzene-d5	997000							
3855-82-1	1,4-Dichlorobenzene-d4	393000							

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