

Report of Analysis

Client: HDR, Inc.
Project: PVWC Linear Construction
Client Sample ID: B9-0.5-1.0-20251023
Lab Sample ID: Q3466-04
Analytical Method: 8260D
Sample Wt/Vol: 4.79 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/23/25
Date Received: 10/24/25
SDG No.: Q3466
Matrix: SOIL
% Solid: 83.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.40	U	1	1.40	6.20	ug/Kg	10/27/25 12:30	VY102725
74-87-3	Chloromethane	1.40	U	1	1.40	6.20	ug/Kg	10/27/25 12:30	VY102725
75-01-4	Vinyl Chloride	0.99	U	1	0.99	6.20	ug/Kg	10/27/25 12:30	VY102725
74-83-9	Bromomethane	1.30	U	1	1.30	6.20	ug/Kg	10/27/25 12:30	VY102725
75-00-3	Chloroethane	1.60	U	1	1.60	6.20	ug/Kg	10/27/25 12:30	VY102725
75-69-4	Trichlorofluoromethane	1.50	U	1	1.50	6.20	ug/Kg	10/27/25 12:30	VY102725
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1	1.30	6.20	ug/Kg	10/27/25 12:30	VY102725
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	6.20	ug/Kg	10/27/25 12:30	VY102725
67-64-1	Acetone	5.90	U	1	5.90	31.2	ug/Kg	10/27/25 12:30	VY102725
75-15-0	Carbon Disulfide	1.30	U	1	1.30	6.20	ug/Kg	10/27/25 12:30	VY102725
1634-04-4	Methyl tert-butyl Ether	0.91	U	1	0.91	6.20	ug/Kg	10/27/25 12:30	VY102725
79-20-9	Methyl Acetate	1.90	U	1	1.90	6.20	ug/Kg	10/27/25 12:30	VY102725
75-09-2	Methylene Chloride	4.40	U	1	4.40	12.5	ug/Kg	10/27/25 12:30	VY102725
156-60-5	trans-1,2-Dichloroethene	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725
75-34-3	1,1-Dichloroethane	1.00	U	1	1.00	6.20	ug/Kg	10/27/25 12:30	VY102725
110-82-7	Cyclohexane	0.99	U	1	0.99	6.20	ug/Kg	10/27/25 12:30	VY102725
78-93-3	2-Butanone	8.20	U	1	8.20	31.2	ug/Kg	10/27/25 12:30	VY102725
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.20	ug/Kg	10/27/25 12:30	VY102725
156-59-2	cis-1,2-Dichloroethene	0.94	U	1	0.94	6.20	ug/Kg	10/27/25 12:30	VY102725
74-97-5	Bromochloromethane	1.40	U	1	1.40	6.20	ug/Kg	10/27/25 12:30	VY102725
67-66-3	Chloroform	1.00	U	1	1.00	6.20	ug/Kg	10/27/25 12:30	VY102725
71-55-6	1,1,1-Trichloroethane	1.20	U	1	1.20	6.20	ug/Kg	10/27/25 12:30	VY102725
108-87-2	Methylcyclohexane	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725
71-43-2	Benzene	0.99	U	1	0.99	6.20	ug/Kg	10/27/25 12:30	VY102725
107-06-2	1,2-Dichloroethane	0.99	U	1	0.99	6.20	ug/Kg	10/27/25 12:30	VY102725
79-01-6	Trichloroethene	1.00	U	1	1.00	6.20	ug/Kg	10/27/25 12:30	VY102725
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725
75-27-4	Bromodichloromethane	0.97	U	1	0.97	6.20	ug/Kg	10/27/25 12:30	VY102725
108-10-1	4-Methyl-2-Pentanone	4.50	U	1	4.50	31.2	ug/Kg	10/27/25 12:30	VY102725
108-88-3	Toluene	0.97	U	1	0.97	6.20	ug/Kg	10/27/25 12:30	VY102725
10061-02-6	t-1,3-Dichloropropene	0.81	U	1	0.81	6.20	ug/Kg	10/27/25 12:30	VY102725
10061-01-5	cis-1,3-Dichloropropene	0.77	U	1	0.77	6.20	ug/Kg	10/27/25 12:30	VY102725
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725
591-78-6	2-Hexanone	4.60	U	1	4.60	31.2	ug/Kg	10/27/25 12:30	VY102725
124-48-1	Dibromochloromethane	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.20	ug/Kg	10/27/25 12:30	VY102725
108-90-7	Chlorobenzene	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725
100-41-4	Ethyl Benzene	0.84	U	1	0.84	6.20	ug/Kg	10/27/25 12:30	VY102725
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	12.5	ug/Kg	10/27/25 12:30	VY102725
95-47-6	o-Xylene	1.00	U	1	1.00	6.20	ug/Kg	10/27/25 12:30	VY102725
100-42-5	Styrene	0.89	U	1	0.89	6.20	ug/Kg	10/27/25 12:30	VY102725
75-25-2	Bromoform	1.10	U	1	1.10	6.20	ug/Kg	10/27/25 12:30	VY102725

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.97	U	1	0.97	6.20	ug/Kg	10/27/25 12:30	VY102725
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1	1.50	6.20	ug/Kg	10/27/25 12:30	VY102725
541-73-1	1,3-Dichlorobenzene	2.10	U	1	2.10	6.20	ug/Kg	10/27/25 12:30	VY102725
106-46-7	1,4-Dichlorobenzene	1.90	U	1	1.90	6.20	ug/Kg	10/27/25 12:30	VY102725
95-50-1	1,2-Dichlorobenzene	1.80	U	1	1.80	6.20	ug/Kg	10/27/25 12:30	VY102725
96-12-8	1,2-Dibromo-3-Chloropropane	2.30	U	1	2.30	6.20	ug/Kg	10/27/25 12:30	VY102725
120-82-1	1,2,4-Trichlorobenzene	3.70	U	1	3.70	6.20	ug/Kg	10/27/25 12:30	VY102725
87-61-6	1,2,3-Trichlorobenzene	4.00	U	1	4.00	6.20	ug/Kg	10/27/25 12:30	VY102725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.5			70 (63) - 130 (155)	101%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.3			70 (70) - 130 (134)	101%	SPK: 50		
2037-26-5	Toluene-d8	48.4			70 (74) - 130 (123)	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	38.6			70 (17) - 130 (146)	77%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	745000							
540-36-3	1,4-Difluorobenzene	1230000							
3114-55-4	Chlorobenzene-d5	980000							
3855-82-1	1,4-Dichlorobenzene-d4	362000							

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