

Report of Analysis

Client: HDR, Inc.
Project: PVWC Linear Construction
Client Sample ID: B4-0.05-1.0-20251114
Lab Sample ID: Q3649-05
Analytical Method: 8260D
Sample Wt/Vol: 5.39 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/14/25
Date Received: 11/14/25
SDG No.: Q3649
Matrix: SOIL
% Solid: 90
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.20	U	1	1.20	5.20	ug/Kg	11/18/25 15:52	VW111825
74-87-3	Chloromethane	1.20	U	1	1.20	5.20	ug/Kg	11/18/25 15:52	VW111825
75-01-4	Vinyl Chloride	0.81	U	1	0.81	5.20	ug/Kg	11/18/25 15:52	VW111825
74-83-9	Bromomethane	1.10	U	1	1.10	5.20	ug/Kg	11/18/25 15:52	VW111825
75-00-3	Chloroethane	1.30	U	1	1.30	5.20	ug/Kg	11/18/25 15:52	VW111825
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.20	ug/Kg	11/18/25 15:52	VW111825
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.20	ug/Kg	11/18/25 15:52	VW111825
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.20	ug/Kg	11/18/25 15:52	VW111825
67-64-1	Acetone	4.90	U	1	4.90	25.8	ug/Kg	11/18/25 15:52	VW111825
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.20	ug/Kg	11/18/25 15:52	VW111825
1634-04-4	Methyl tert-butyl Ether	0.75	U	1	0.75	5.20	ug/Kg	11/18/25 15:52	VW111825
79-20-9	Methyl Acetate	1.60	U	1	1.60	5.20	ug/Kg	11/18/25 15:52	VW111825
75-09-2	Methylene Chloride	3.60	U	1	3.60	10.3	ug/Kg	11/18/25 15:52	VW111825
156-60-5	trans-1,2-Dichloroethene	0.89	U	1	0.89	5.20	ug/Kg	11/18/25 15:52	VW111825
75-34-3	1,1-Dichloroethane	0.82	U	1	0.82	5.20	ug/Kg	11/18/25 15:52	VW111825
110-82-7	Cyclohexane	0.81	U	1	0.81	5.20	ug/Kg	11/18/25 15:52	VW111825
78-93-3	2-Butanone	6.70	U	1	6.70	25.8	ug/Kg	11/18/25 15:52	VW111825
56-23-5	Carbon Tetrachloride	1.00	U	1	1.00	5.20	ug/Kg	11/18/25 15:52	VW111825
156-59-2	cis-1,2-Dichloroethene	0.77	U	1	0.77	5.20	ug/Kg	11/18/25 15:52	VW111825
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.20	ug/Kg	11/18/25 15:52	VW111825
67-66-3	Chloroform	0.87	U	1	0.87	5.20	ug/Kg	11/18/25 15:52	VW111825
71-55-6	1,1,1-Trichloroethane	0.96	U	1	0.96	5.20	ug/Kg	11/18/25 15:52	VW111825
108-87-2	Methylcyclohexane	0.94	U	1	0.94	5.20	ug/Kg	11/18/25 15:52	VW111825
71-43-2	Benzene	0.81	U	1	0.81	5.20	ug/Kg	11/18/25 15:52	VW111825
107-06-2	1,2-Dichloroethane	0.81	U	1	0.81	5.20	ug/Kg	11/18/25 15:52	VW111825
79-01-6	Trichloroethene	0.83	U	1	0.83	5.20	ug/Kg	11/18/25 15:52	VW111825
78-87-5	1,2-Dichloropropane	0.94	U	1	0.94	5.20	ug/Kg	11/18/25 15:52	VW111825
75-27-4	Bromodichloromethane	0.80	U	1	0.80	5.20	ug/Kg	11/18/25 15:52	VW111825
108-10-1	4-Methyl-2-Pentanone	3.70	U	1	3.70	25.8	ug/Kg	11/18/25 15:52	VW111825
108-88-3	Toluene	0.80	U	1	0.80	5.20	ug/Kg	11/18/25 15:52	VW111825
10061-02-6	t-1,3-Dichloropropene	0.67	U	1	0.67	5.20	ug/Kg	11/18/25 15:52	VW111825
10061-01-5	cis-1,3-Dichloropropene	0.64	U	1	0.64	5.20	ug/Kg	11/18/25 15:52	VW111825
79-00-5	1,1,2-Trichloroethane	0.95	U	1	0.95	5.20	ug/Kg	11/18/25 15:52	VW111825
591-78-6	2-Hexanone	3.80	U	1	3.80	25.8	ug/Kg	11/18/25 15:52	VW111825
124-48-1	Dibromochloromethane	0.90	U	1	0.90	5.20	ug/Kg	11/18/25 15:52	VW111825
106-93-4	1,2-Dibromoethane	0.91	U	1	0.91	5.20	ug/Kg	11/18/25 15:52	VW111825
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.20	ug/Kg	11/18/25 15:52	VW111825
108-90-7	Chlorobenzene	0.94	U	1	0.94	5.20	ug/Kg	11/18/25 15:52	VW111825
100-41-4	Ethyl Benzene	0.69	U	1	0.69	5.20	ug/Kg	11/18/25 15:52	VW111825
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.3	ug/Kg	11/18/25 15:52	VW111825
95-47-6	o-Xylene	0.85	U	1	0.85	5.20	ug/Kg	11/18/25 15:52	VW111825
100-42-5	Styrene	0.73	U	1	0.73	5.20	ug/Kg	11/18/25 15:52	VW111825
75-25-2	Bromoform	0.89	U	1	0.89	5.20	ug/Kg	11/18/25 15:52	VW111825

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.80	U	1	0.80	5.20	ug/Kg	11/18/25 15:52	VW111825
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.20	ug/Kg	11/18/25 15:52	VW111825
541-73-1	1,3-Dichlorobenzene	1.80	U	1	1.80	5.20	ug/Kg	11/18/25 15:52	VW111825
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.20	ug/Kg	11/18/25 15:52	VW111825
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.20	ug/Kg	11/18/25 15:52	VW111825
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1	1.90	5.20	ug/Kg	11/18/25 15:52	VW111825
120-82-1	1,2,4-Trichlorobenzene	3.10	U	1	3.10	5.20	ug/Kg	11/18/25 15:52	VW111825
87-61-6	1,2,3-Trichlorobenzene	3.30	U	1	3.30	5.20	ug/Kg	11/18/25 15:52	VW111825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.1			70 (63) - 130 (155)	118%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.9			70 (70) - 130 (134)	100%	SPK: 50		
2037-26-5	Toluene-d8	45.8			70 (74) - 130 (123)	92%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.6			70 (52) - 130 (138)	113%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	233000							
540-36-3	1,4-Difluorobenzene	543000							
3114-55-4	Chlorobenzene-d5	601000							
3855-82-1	1,4-Dichlorobenzene-d4	284000							

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