

Report of Analysis

Client: HDR, Inc.
Project: PVWC Linear Construction
Client Sample ID: B3-0.5-1.0-20251114
Lab Sample ID: Q3649-09
Analytical Method: 8260D
Sample Wt/Vol: 4.79 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/14/25
Date Received: 11/14/25
SDG No.: Q3649
Matrix: SOIL
% Solid: 89.2
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.30	U	1	1.30	5.90	ug/Kg	11/18/25 16:14	VW111825
74-87-3	Chloromethane	1.30	U	1	1.30	5.90	ug/Kg	11/18/25 16:14	VW111825
75-01-4	Vinyl Chloride	0.92	U	1	0.92	5.90	ug/Kg	11/18/25 16:14	VW111825
74-83-9	Bromomethane	1.30	U	1	1.30	5.90	ug/Kg	11/18/25 16:14	VW111825
75-00-3	Chloroethane	1.50	U	1	1.50	5.90	ug/Kg	11/18/25 16:14	VW111825
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.90	ug/Kg	11/18/25 16:14	VW111825
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.90	ug/Kg	11/18/25 16:14	VW111825
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	5.90	ug/Kg	11/18/25 16:14	VW111825
67-64-1	Acetone	5.50	U	1	5.50	29.3	ug/Kg	11/18/25 16:14	VW111825
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.90	ug/Kg	11/18/25 16:14	VW111825
1634-04-4	Methyl tert-butyl Ether	0.85	U	1	0.85	5.90	ug/Kg	11/18/25 16:14	VW111825
79-20-9	Methyl Acetate	1.80	U	1	1.80	5.90	ug/Kg	11/18/25 16:14	VW111825
75-09-2	Methylene Chloride	4.10	U	1	4.10	11.7	ug/Kg	11/18/25 16:14	VW111825
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	1.00	5.90	ug/Kg	11/18/25 16:14	VW111825
75-34-3	1,1-Dichloroethane	0.94	U	1	0.94	5.90	ug/Kg	11/18/25 16:14	VW111825
110-82-7	Cyclohexane	0.92	U	1	0.92	5.90	ug/Kg	11/18/25 16:14	VW111825
78-93-3	2-Butanone	7.70	U	1	7.70	29.3	ug/Kg	11/18/25 16:14	VW111825
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.90	ug/Kg	11/18/25 16:14	VW111825
156-59-2	cis-1,2-Dichloroethene	0.88	U	1	0.88	5.90	ug/Kg	11/18/25 16:14	VW111825
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.90	ug/Kg	11/18/25 16:14	VW111825
67-66-3	Chloroform	0.98	U	1	0.98	5.90	ug/Kg	11/18/25 16:14	VW111825
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	5.90	ug/Kg	11/18/25 16:14	VW111825
108-87-2	Methylcyclohexane	1.10	U	1	1.10	5.90	ug/Kg	11/18/25 16:14	VW111825
71-43-2	Benzene	0.92	U	1	0.92	5.90	ug/Kg	11/18/25 16:14	VW111825
107-06-2	1,2-Dichloroethane	0.92	U	1	0.92	5.90	ug/Kg	11/18/25 16:14	VW111825
79-01-6	Trichloroethene	0.95	U	1	0.95	5.90	ug/Kg	11/18/25 16:14	VW111825
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	5.90	ug/Kg	11/18/25 16:14	VW111825
75-27-4	Bromodichloromethane	0.91	U	1	0.91	5.90	ug/Kg	11/18/25 16:14	VW111825
108-10-1	4-Methyl-2-Pentanone	4.20	U	1	4.20	29.3	ug/Kg	11/18/25 16:14	VW111825
108-88-3	Toluene	0.91	U	1	0.91	5.90	ug/Kg	11/18/25 16:14	VW111825
10061-02-6	t-1,3-Dichloropropene	0.76	U	1	0.76	5.90	ug/Kg	11/18/25 16:14	VW111825
10061-01-5	cis-1,3-Dichloropropene	0.73	U	1	0.73	5.90	ug/Kg	11/18/25 16:14	VW111825
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	5.90	ug/Kg	11/18/25 16:14	VW111825
591-78-6	2-Hexanone	4.30	U	1	4.30	29.3	ug/Kg	11/18/25 16:14	VW111825
124-48-1	Dibromochloromethane	1.00	U	1	1.00	5.90	ug/Kg	11/18/25 16:14	VW111825
106-93-4	1,2-Dibromoethane	1.00	U	1	1.00	5.90	ug/Kg	11/18/25 16:14	VW111825
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.90	ug/Kg	11/18/25 16:14	VW111825
108-90-7	Chlorobenzene	1.10	U	1	1.10	5.90	ug/Kg	11/18/25 16:14	VW111825
100-41-4	Ethyl Benzene	0.78	U	1	0.78	5.90	ug/Kg	11/18/25 16:14	VW111825
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	11.7	ug/Kg	11/18/25 16:14	VW111825
95-47-6	o-Xylene	0.96	U	1	0.96	5.90	ug/Kg	11/18/25 16:14	VW111825
100-42-5	Styrene	0.83	U	1	0.83	5.90	ug/Kg	11/18/25 16:14	VW111825
75-25-2	Bromoform	1.00	U	1	1.00	5.90	ug/Kg	11/18/25 16:14	VW111825

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.91	U	1	0.91	5.90	ug/Kg	11/18/25 16:14	VW111825
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.90	ug/Kg	11/18/25 16:14	VW111825
541-73-1	1,3-Dichlorobenzene	2.00	U	1	2.00	5.90	ug/Kg	11/18/25 16:14	VW111825
106-46-7	1,4-Dichlorobenzene	1.80	U	1	1.80	5.90	ug/Kg	11/18/25 16:14	VW111825
95-50-1	1,2-Dichlorobenzene	1.70	U	1	1.70	5.90	ug/Kg	11/18/25 16:14	VW111825
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	1	2.20	5.90	ug/Kg	11/18/25 16:14	VW111825
120-82-1	1,2,4-Trichlorobenzene	3.50	U	1	3.50	5.90	ug/Kg	11/18/25 16:14	VW111825
87-61-6	1,2,3-Trichlorobenzene	3.70	U	1	3.70	5.90	ug/Kg	11/18/25 16:14	VW111825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.7			70 (63) - 130 (155)	117%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.0			70 (70) - 130 (134)	96%	SPK: 50		
2037-26-5	Toluene-d8	43.6			70 (74) - 130 (123)	87%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.0			70 (52) - 130 (138)	110%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	213000							
540-36-3	1,4-Difluorobenzene	491000							
3114-55-4	Chlorobenzene-d5	511000							
3855-82-1	1,4-Dichlorobenzene-d4	272000							

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