

Report of Analysis

Client: HDR, Inc.
Project: PVWC Linear Construction
Client Sample ID: VY1027SBS01
Lab Sample ID: VY1027SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3466
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	20.0		1	1.10	5.00	ug/Kg	10/27/25 10:17	VY102725
74-87-3	Chloromethane	18.5		1	1.10	5.00	ug/Kg	10/27/25 10:17	VY102725
75-01-4	Vinyl Chloride	19.2		1	0.79	5.00	ug/Kg	10/27/25 10:17	VY102725
74-83-9	Bromomethane	20.8		1	1.10	5.00	ug/Kg	10/27/25 10:17	VY102725
75-00-3	Chloroethane	20.0		1	1.30	5.00	ug/Kg	10/27/25 10:17	VY102725
75-69-4	Trichlorofluoromethane	20.6		1	1.20	5.00	ug/Kg	10/27/25 10:17	VY102725
76-13-1	1,1,2-Trichlorotrifluoroethane	21.5		1	1.10	5.00	ug/Kg	10/27/25 10:17	VY102725
75-35-4	1,1-Dichloroethene	20.4		1	1.00	5.00	ug/Kg	10/27/25 10:17	VY102725
67-64-1	Acetone	130		1	4.70	25.0	ug/Kg	10/27/25 10:17	VY102725
75-15-0	Carbon Disulfide	19.4		1	1.10	5.00	ug/Kg	10/27/25 10:17	VY102725
1634-04-4	Methyl tert-butyl Ether	19.7		1	0.73	5.00	ug/Kg	10/27/25 10:17	VY102725
79-20-9	Methyl Acetate	15.3		1	1.50	5.00	ug/Kg	10/27/25 10:17	VY102725
75-09-2	Methylene Chloride	19.6		1	3.50	10.0	ug/Kg	10/27/25 10:17	VY102725
156-60-5	trans-1,2-Dichloroethene	21.0		1	0.86	5.00	ug/Kg	10/27/25 10:17	VY102725
75-34-3	1,1-Dichloroethane	21.0		1	0.80	5.00	ug/Kg	10/27/25 10:17	VY102725
110-82-7	Cyclohexane	20.0		1	0.79	5.00	ug/Kg	10/27/25 10:17	VY102725
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	10/27/25 10:17	VY102725
56-23-5	Carbon Tetrachloride	21.6		1	0.97	5.00	ug/Kg	10/27/25 10:17	VY102725
156-59-2	cis-1,2-Dichloroethene	21.6		1	0.75	5.00	ug/Kg	10/27/25 10:17	VY102725
74-97-5	Bromochloromethane	20.5		1	1.20	5.00	ug/Kg	10/27/25 10:17	VY102725
67-66-3	Chloroform	21.8		1	0.84	5.00	ug/Kg	10/27/25 10:17	VY102725
71-55-6	1,1,1-Trichloroethane	21.8		1	0.93	5.00	ug/Kg	10/27/25 10:17	VY102725
108-87-2	Methylcyclohexane	20.5		1	0.91	5.00	ug/Kg	10/27/25 10:17	VY102725
71-43-2	Benzene	21.6		1	0.79	5.00	ug/Kg	10/27/25 10:17	VY102725
107-06-2	1,2-Dichloroethane	20.9		1	0.79	5.00	ug/Kg	10/27/25 10:17	VY102725
79-01-6	Trichloroethene	21.8		1	0.81	5.00	ug/Kg	10/27/25 10:17	VY102725
78-87-5	1,2-Dichloropropane	21.6		1	0.91	5.00	ug/Kg	10/27/25 10:17	VY102725
75-27-4	Bromodichloromethane	21.6		1	0.78	5.00	ug/Kg	10/27/25 10:17	VY102725
108-10-1	4-Methyl-2-Pentanone	95.4		1	3.60	25.0	ug/Kg	10/27/25 10:17	VY102725
108-88-3	Toluene	21.6		1	0.78	5.00	ug/Kg	10/27/25 10:17	VY102725
10061-02-6	t-1,3-Dichloropropene	20.5		1	0.65	5.00	ug/Kg	10/27/25 10:17	VY102725
10061-01-5	cis-1,3-Dichloropropene	21.0		1	0.62	5.00	ug/Kg	10/27/25 10:17	VY102725
79-00-5	1,1,2-Trichloroethane	21.0		1	0.92	5.00	ug/Kg	10/27/25 10:17	VY102725
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	10/27/25 10:17	VY102725
124-48-1	Dibromochloromethane	20.8		1	0.87	5.00	ug/Kg	10/27/25 10:17	VY102725
106-93-4	1,2-Dibromoethane	20.6		1	0.88	5.00	ug/Kg	10/27/25 10:17	VY102725
127-18-4	Tetrachloroethene	22.5		1	1.10	5.00	ug/Kg	10/27/25 10:17	VY102725
108-90-7	Chlorobenzene	21.4		1	0.91	5.00	ug/Kg	10/27/25 10:17	VY102725
100-41-4	Ethyl Benzene	21.3		1	0.67	5.00	ug/Kg	10/27/25 10:17	VY102725
179601-23-1	m/p-Xylenes	43.5		1	1.20	10.0	ug/Kg	10/27/25 10:17	VY102725
95-47-6	o-Xylene	21.4		1	0.82	5.00	ug/Kg	10/27/25 10:17	VY102725
100-42-5	Styrene	21.3		1	0.71	5.00	ug/Kg	10/27/25 10:17	VY102725
75-25-2	Bromoform	20.4		1	0.86	5.00	ug/Kg	10/27/25 10:17	VY102725

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	21.0		1	0.78	5.00	ug/Kg	10/27/25 10:17	VY102725
79-34-5	1,1,2,2-Tetrachloroethane	18.9		1	1.20	5.00	ug/Kg	10/27/25 10:17	VY102725
541-73-1	1,3-Dichlorobenzene	21.3		1	1.70	5.00	ug/Kg	10/27/25 10:17	VY102725
106-46-7	1,4-Dichlorobenzene	20.9		1	1.60	5.00	ug/Kg	10/27/25 10:17	VY102725
95-50-1	1,2-Dichlorobenzene	21.2		1	1.50	5.00	ug/Kg	10/27/25 10:17	VY102725
96-12-8	1,2-Dibromo-3-Chloropropane	18.3		1	1.80	5.00	ug/Kg	10/27/25 10:17	VY102725
120-82-1	1,2,4-Trichlorobenzene	19.9		1	3.00	5.00	ug/Kg	10/27/25 10:17	VY102725
87-61-6	1,2,3-Trichlorobenzene	19.3		1	3.20	5.00	ug/Kg	10/27/25 10:17	VY102725

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	46.7			70 (63) - 130 (155)	93%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5			70 (70) - 130 (134)	101%	SPK: 50
2037-26-5	Toluene-d8	49.1			70 (74) - 130 (123)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1			70 (17) - 130 (146)	98%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	500000
540-36-3	1,4-Difluorobenzene	733000
3114-55-4	Chlorobenzene-d5	644000
3855-82-1	1,4-Dichlorobenzene-d4	345000

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