

Report of Analysis

Client: Alliance Technical Group, LLC - Newark
Project: NJ Soil PT
Client Sample ID: HW1025-PT-VOA-SOILDI
Lab Sample ID: Q3483-23DL
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/27/25
Date Received: 10/29/25
SDG No.: Q3483
Matrix: SOIL
% Solid: 100
Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	4.60	UD	4	4.60	20.0	ug/Kg	11/06/25 11:40	VY110625
74-87-3	Chloromethane	4.60	UD	4	4.60	20.0	ug/Kg	11/06/25 11:40	VY110625
75-01-4	Vinyl Chloride	3.20	UD	4	3.20	20.0	ug/Kg	11/06/25 11:40	VY110625
141-78-6	Ethyl Acetate	5.20	UD	4	5.20	20.0	ug/Kg	11/06/25 11:40	VY110625
108-21-4	Isopropyl Acetate	3.60	UD	4	3.60	20.0	ug/Kg	11/06/25 11:40	VY110625
74-83-9	Bromomethane	4.30	UD	4	4.30	20.0	ug/Kg	11/06/25 11:40	VY110625
75-00-3	Chloroethane	5.00	UD	4	5.00	20.0	ug/Kg	11/06/25 11:40	VY110625
109-99-9	Tetrahydrofuran	18.7	UDQ4		18.7	100	ug/Kg	11/06/25 11:40	VY110625
75-69-4	Trichlorofluoromethane	4.80	UD	4	4.80	20.0	ug/Kg	11/06/25 11:40	VY110625
76-13-1	1,1,2-Trichlorotrifluoroethane	4.20	UD	4	4.20	20.0	ug/Kg	11/06/25 11:40	VY110625
75-65-0	Tert butyl alcohol	54.8	UD	4	54.8	100	ug/Kg	11/06/25 11:40	VY110625
60-29-7	Diethyl Ether	3.10	UD	4	3.10	20.0	ug/Kg	11/06/25 11:40	VY110625
75-35-4	1,1-Dichloroethene	96.9	D	4	4.00	20.0	ug/Kg	11/06/25 11:40	VY110625
107-02-8	Acrolein	35.2	UD	4	35.2	100	ug/Kg	11/06/25 11:40	VY110625
107-13-1	Acrylonitrile	19.9	UD	4	19.9	100	ug/Kg	11/06/25 11:40	VY110625
67-64-1	Acetone	330	D	4	19.0	100	ug/Kg	11/06/25 11:40	VY110625
75-15-0	Carbon Disulfide	4.20	UD	4	4.20	20.0	ug/Kg	11/06/25 11:40	VY110625
1634-04-4	Methyl tert-butyl Ether	78.1	D	4	2.90	20.0	ug/Kg	11/06/25 11:40	VY110625
79-20-9	Methyl Acetate	6.20	UD	4	6.20	20.0	ug/Kg	11/06/25 11:40	VY110625
75-09-2	Methylene Chloride	14.1	UD	4	14.1	40.0	ug/Kg	11/06/25 11:40	VY110625
156-60-5	trans-1,2-Dichloroethene	62.1	D	4	3.40	20.0	ug/Kg	11/06/25 11:40	VY110625
108-05-4	Vinyl Acetate	19.4	UD	4	19.4	100	ug/Kg	11/06/25 11:40	VY110625
75-34-3	1,1-Dichloroethane	3.20	UD	4	3.20	20.0	ug/Kg	11/06/25 11:40	VY110625
110-82-7	Cyclohexane	3.20	UD	4	3.20	20.0	ug/Kg	11/06/25 11:40	VY110625
78-93-3	2-Butanone	130	D	4	26.2	100	ug/Kg	11/06/25 11:40	VY110625
56-23-5	Carbon Tetrachloride	62.9	D	4	3.90	20.0	ug/Kg	11/06/25 11:40	VY110625
594-20-7	2,2-Dichloropropane	5.10	UD	4	5.10	20.0	ug/Kg	11/06/25 11:40	VY110625
156-59-2	cis-1,2-Dichloroethene	56.2	D	4	3.00	20.0	ug/Kg	11/06/25 11:40	VY110625
74-97-5	Bromochloromethane	4.60	UD	4	4.60	20.0	ug/Kg	11/06/25 11:40	VY110625
67-66-3	Chloroform	63.8	D	4	3.40	20.0	ug/Kg	11/06/25 11:40	VY110625
71-55-6	1,1,1-Trichloroethane	3.70	UD	4	3.70	20.0	ug/Kg	11/06/25 11:40	VY110625
108-87-2	Methylcyclohexane	3.60	UD	4	3.60	20.0	ug/Kg	11/06/25 11:40	VY110625
563-58-6	1,1-Dichloropropene	3.50	UD	4	3.50	20.0	ug/Kg	11/06/25 11:40	VY110625
71-43-2	Benzene	92.2	D	4	3.20	20.0	ug/Kg	11/06/25 11:40	VY110625
107-06-2	1,2-Dichloroethane	190	D	4	3.20	20.0	ug/Kg	11/06/25 11:40	VY110625
79-01-6	Trichloroethene	120	D	4	3.20	20.0	ug/Kg	11/06/25 11:40	VY110625
78-87-5	1,2-Dichloropropane	3.60	UD	4	3.60	20.0	ug/Kg	11/06/25 11:40	VY110625
74-95-3	Dibromomethane	3.60	UD	4	3.60	20.0	ug/Kg	11/06/25 11:40	VY110625
75-27-4	Bromodichloromethane	3.10	UD	4	3.10	20.0	ug/Kg	11/06/25 11:40	VY110625
108-10-1	4-Methyl-2-Pentanone	14.3	UD	4	14.3	100	ug/Kg	11/06/25 11:40	VY110625
80-62-6	Methyl methacrylate	3.00	UD	4	3.00	20.0	ug/Kg	11/06/25 11:40	VY110625
108-88-3	Toluene	3.10	UD	4	3.10	20.0	ug/Kg	11/06/25 11:40	VY110625
10061-02-6	t-1,3-Dichloropropene	150	D	4	2.60	20.0	ug/Kg	11/06/25 11:40	VY110625

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Lab Sample ID: Q3483-23DL
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Level: LOW
Final Vol: 5000 uL

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SDG No.: Q3483
Matrix: SOIL
% Solid: 100
Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
10061-01-5	cis-1,3-Dichloropropene	170	D	4	2.50	20.0	ug/Kg	11/06/25 11:40	VY110625
79-00-5	1,1,2-Trichloroethane	3.70	UD	4	3.70	20.0	ug/Kg	11/06/25 11:40	VY110625
142-28-9	1,3-Dichloropropane	2.70	UD	4	2.70	20.0	ug/Kg	11/06/25 11:40	VY110625
110-75-8	2-Chloroethyl Vinyl ether	15.0	UD	4	15.0	100	ug/Kg	11/06/25 11:40	VY110625
591-78-6	2-Hexanone	310	D	4	14.8	100	ug/Kg	11/06/25 11:40	VY110625
124-48-1	Dibromochloromethane	3.50	UD	4	3.50	20.0	ug/Kg	11/06/25 11:40	VY110625
106-93-4	1,2-Dibromoethane	27.0	D	4	3.50	20.0	ug/Kg	11/06/25 11:40	VY110625
127-18-4	Tetrachloroethene	68.1	D	4	4.20	20.0	ug/Kg	11/06/25 11:40	VY110625
108-90-7	Chlorobenzene	22.3	D	4	3.60	20.0	ug/Kg	11/06/25 11:40	VY110625
630-20-6	1,1,1,2-Tetrachloroethane	64.1	D	4	3.10	20.0	ug/Kg	11/06/25 11:40	VY110625
67-72-1	Hexachloroethane	4.20	UD	4	4.20	20.0	ug/Kg	11/06/25 11:40	VY110625
100-41-4	Ethyl Benzene	20.6	D	4	2.70	20.0	ug/Kg	11/06/25 11:40	VY110625
179601-23-1	m/p-Xylenes	180	D	4	5.00	40.0	ug/Kg	11/06/25 11:40	VY110625
1330-20-7	Total Xylenes	360	D	4	8.30	60.0	ug/Kg	11/06/25 11:40	VY110625
95-47-6	o-Xylene	180	D	4	3.30	20.0	ug/Kg	11/06/25 11:40	VY110625
100-42-5	Styrene	110	D	4	2.80	20.0	ug/Kg	11/06/25 11:40	VY110625
75-25-2	Bromoform	110	D	4	3.40	20.0	ug/Kg	11/06/25 11:40	VY110625
98-82-8	Isopropylbenzene	3.10	UD	4	3.10	20.0	ug/Kg	11/06/25 11:40	VY110625
79-34-5	1,1,2,2-Tetrachloroethane	160	D	4	4.80	20.0	ug/Kg	11/06/25 11:40	VY110625
96-18-4	1,2,3-Trichloropropane	140	D	4	5.00	20.0	ug/Kg	11/06/25 11:40	VY110625
108-86-1	Bromobenzene	4.80	UD	4	4.80	20.0	ug/Kg	11/06/25 11:40	VY110625
103-65-1	n-propylbenzene	2.90	UD	4	2.90	20.0	ug/Kg	11/06/25 11:40	VY110625
95-49-8	2-Chlorotoluene	79.3	D	4	2.70	20.0	ug/Kg	11/06/25 11:40	VY110625
108-67-8	1,3,5-Trimethylbenzene	3.30	UD	4	3.30	20.0	ug/Kg	11/06/25 11:40	VY110625
106-43-4	4-Chlorotoluene	4.90	UD	4	4.90	20.0	ug/Kg	11/06/25 11:40	VY110625
98-06-6	tert-Butylbenzene	120	D	4	2.70	20.0	ug/Kg	11/06/25 11:40	VY110625
95-63-6	1,2,4-Trimethylbenzene	190	D	4	2.60	20.0	ug/Kg	11/06/25 11:40	VY110625
135-98-8	sec-Butylbenzene	2.60	UD	4	2.60	20.0	ug/Kg	11/06/25 11:40	VY110625
99-87-6	p-Isopropyltoluene	170	D	4	2.50	20.0	ug/Kg	11/06/25 11:40	VY110625
541-73-1	1,3-Dichlorobenzene	49.5	D	4	6.80	20.0	ug/Kg	11/06/25 11:40	VY110625
106-46-7	1,4-Dichlorobenzene	78.2	D	4	6.20	20.0	ug/Kg	11/06/25 11:40	VY110625
104-51-8	n-Butylbenzene	5.80	UD	4	5.80	20.0	ug/Kg	11/06/25 11:40	VY110625
95-50-1	1,2-Dichlorobenzene	5.80	UD	4	5.80	20.0	ug/Kg	11/06/25 11:40	VY110625
96-12-8	1,2-Dibromo-3-Chloropropane	7.40	UD	4	7.40	20.0	ug/Kg	11/06/25 11:40	VY110625
120-82-1	1,2,4-Trichlorobenzene	130	D	4	11.9	20.0	ug/Kg	11/06/25 11:40	VY110625
87-68-3	Hexachlorobutadiene	7.60	UD	4	7.60	20.0	ug/Kg	11/06/25 11:40	VY110625
91-20-3	Naphthalene	62.6	D	4	10.3	20.0	ug/Kg	11/06/25 11:40	VY110625
87-61-6	1,2,3-Trichlorobenzene	12.7	UD	4	12.7	20.0	ug/Kg	11/06/25 11:40	VY110625
628-63-7	N-amyl acetate	3.90	UD	4	3.90	20.0	ug/Kg	11/06/25 11:40	VY110625
74-88-4	Methyl Iodide	3.60	UD	4	3.60	20.0	ug/Kg	11/06/25 11:40	VY110625
107-05-1	Allyl chloride	3.10	UD	4	3.10	20.0	ug/Kg	11/06/25 11:40	VY110625
110-57-6	trans-1,4-Dichloro-2-butene	4.20	UD	4	4.20	20.0	ug/Kg	11/06/25 11:40	VY110625
126-98-7	Methacrylonitrile	7.00	UD	4	7.00	20.0	ug/Kg	11/06/25 11:40	VY110625

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	10/27/25
Project:	NJ Soil PT	Date Received:	10/29/25
Client Sample ID:	HW1025-PT-VOA-SOILDI	SDG No.:	Q3483
Lab Sample ID:	Q3483-23DL	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 g	Test:	VOCMS Group1
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
108-20-3	Diisopropyl ether	2.20	UD	4	2.20	20.0	ug/Kg	11/06/25 11:40	VY110625
123-91-1	1,4-Dioxane	190	UD	4	190	400	ug/Kg	11/06/25 11:40	VY110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.0			63 - 155	104%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.8			70 - 134	98%	SPK: 50		
2037-26-5	Toluene-d8	49.0			74 - 123	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.3			17 - 146	95%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	526000							
540-36-3	1,4-Difluorobenzene	838000							
3114-55-4	Chlorobenzene-d5	725000							
3855-82-1	1,4-Dichlorobenzene-d4	375000							

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