

LAB CHRONICLE

OrderID:	Q3741	OrderDate:	11/26/2025 4:57:55 PM
Client:	Core Environmental Consultants and Services, Inc.	Project:	Building 50 Probe Investigation
Contact:	Roland Scardino	Location:	VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3741-01	B50-SP3-111925	SOIL	VOC-TCLVOA-10	8260D	11/19/25		12/01/25	11/26/25
Q3741-02	B50-SP13-112025	SOIL	VOC-TCLVOA-10	8260D	11/20/25		12/01/25	11/26/25
Q3741-03	B50-SP14-112025	SOIL	VOC-TCLVOA-10	8260D	11/20/25		12/01/25	11/26/25
Q3741-04	B50-SP9-112425	SOIL	VOC-TCLVOA-10	8260D	11/24/25		12/01/25	11/26/25
Q3741-04RE	B50-SP9-112425RE	SOIL	VOC-TCLVOA-10	8260D	11/24/25		12/02/25	11/26/25
Q3741-05	B50-SP11-112525	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/01/25	11/26/25
Q3741-05RE	B50-SP11-112525RE	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/02/25	11/26/25
Q3741-06	B50-SP4-112525	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/01/25	11/26/25
Q3741-06RE	B50-SP4-112525RE	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/02/25	11/26/25
Q3741-07	TB-1	Water	VOC-TCLVOA-10	8260-Low	11/25/25		12/01/25	11/26/25

Hit Summary Sheet
SW-846

SDG No.: Q3741
Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	B50-SP13-112025							
Q3741-02	B50-SP13-112025	SOIL	Acetone	5.90	J	5.30	28.2	ug/Kg
			Total Voc :	5.90				
			Total Concentration:	5.90				
Client ID:	B50-SP14-112025							
Q3741-03	B50-SP14-112025	SOIL	Acetone	18.3	J	5.80	30.5	ug/Kg
			Total Voc :	18.3				
			Total Concentration:	18.3				
Client ID:	B50-SP9-112425							
Q3741-04	B50-SP9-112425	SOIL	Acetone	13.2	J	4.90	26.0	ug/Kg
			Total Voc :	13.2				
			Total Concentration:	13.2				
Client ID:	B50-SP11-112525							
Q3741-05	B50-SP11-112525	SOIL	Acetone	24.7	J	5.90	30.9	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Methylcyclohexane	2.70	J	1.10	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Toluene	2.10	J	0.96	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Ethyl Benzene	2.50	J	0.83	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	m/p-Xylenes	11.4	J	1.50	12.4	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	o-Xylene	7.40		1.00	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Isopropylbenzene	1.30	J	0.96	6.20	ug/Kg
			Total Voc :	52.1				
Q3741-05	B50-SP11-112525	SOIL	Benzene, 1,2,3,4-tetramethyl- *	20.9	J	0	0	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzene, 1,2,3-trimethyl- *	20.8	J	0	0	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzene, 1-ethyl-3-methyl- *	30.8	J	0	0	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzene, 1-ethyl-3,5-dimethyl- *	31.8	J	0	0	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzene, 4-ethyl-1,2-dimethyl- *	28.4	J	0	0	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzene, 2-ethyl-1,4-dimethyl- *	20.2	J	0	0	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	n-propylbenzene *	4.30	J	0.90	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	1,3,5-Trimethylbenzene *	27.4	J	1.00	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	1,2,4-Trimethylbenzene *	58.5	J	0.79	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	sec-Butylbenzene *	1.70	J	0.82	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	p-Isopropyltoluene *	1.30	J	0.77	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	n-Butylbenzene *	2.50	J	1.80	6.20	ug/Kg
			Total Tics :	249				
			Total Concentration:	301				
Client ID:	B50-SP11-112525RE							
Q3741-05RE	B50-SP11-112525R	SOIL	Acetone	18.8	J	4.80	25.3	ug/Kg
Q3741-05RE	B50-SP11-112525R	SOIL	Methylcyclohexane	1.90	J	0.92	5.10	ug/Kg

Hit Summary Sheet SW-846

SDG No.: Q3741
Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3741-05RE	B50-SP11-112525R	SOIL	Toluene	2.10	J	0.79	5.10	ug/Kg
Q3741-05RE	B50-SP11-112525R	SOIL	Ethyl Benzene	3.70	J	0.68	5.10	ug/Kg
Q3741-05RE	B50-SP11-112525R	SOIL	m/p-Xylenes	18.6		1.30	10.1	ug/Kg
Q3741-05RE	B50-SP11-112525R	SOIL	o-Xylene	11.6		0.83	5.10	ug/Kg
Q3741-05RE	B50-SP11-112525R	SOIL	Isopropylbenzene	1.70	J	0.79	5.10	ug/Kg
Total Voc :				58.4				
Total Concentration:				58.4				
Client ID:	B50-SP4-112525							
Q3741-06	B50-SP4-112525	SOIL	Camphene	* 380	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	.alpha.-Pinene	* 1000	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	.gamma.-Terpinene	* 59.2	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	1,3-Cyclohexadiene, 1-methyl-	* 110	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	.beta.-Pinene	* 220	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Tricyclo[2.2.1.0(2,6)]heptane, 1	* 21.0	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Cyclohexene, 1-methyl-4-(1-methyl-2-propenyl)-	* 82.9	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Cyclohexene, 5-methyl-3-(1-methyl-2-propenyl)-	* 40.6	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	p-Isopropyltoluene	* 64.7	J	0.60	4.80	ug/Kg
Total Tics :				1980				
Total Concentration:				1980				
Client ID:	B50-SP4-112525RE							
Q3741-06RE	B50-SP4-112525RE	SOIL	Acetone	23.7	J	5.50	28.8	ug/Kg
Q3741-06RE	B50-SP4-112525RE	SOIL	Isopropylbenzene	4.40	J	0.90	5.80	ug/Kg
Total Voc :				28.1				
Total Concentration:				28.1				



SAMPLE DATA

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP3-111925
Lab Sample ID: Q3741-01
Analytical Method: 8260D
Sample Wt/Vol: 6.36 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/19/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 91.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.98	U	1	0.98	4.30	ug/Kg	12/01/25 14:23	VY120125
74-87-3	Chloromethane	0.98	U	1	0.98	4.30	ug/Kg	12/01/25 14:23	VY120125
75-01-4	Vinyl Chloride	0.68	U	1	0.68	4.30	ug/Kg	12/01/25 14:23	VY120125
74-83-9	Bromomethane	0.92	U	1	0.92	4.30	ug/Kg	12/01/25 14:23	VY120125
75-00-3	Chloroethane	1.10	U	1	1.10	4.30	ug/Kg	12/01/25 14:23	VY120125
75-69-4	Trichlorofluoromethane	1.00	U	1	1.00	4.30	ug/Kg	12/01/25 14:23	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.91	U	1	0.91	4.30	ug/Kg	12/01/25 14:23	VY120125
75-35-4	1,1-Dichloroethene	0.86	U	1	0.86	4.30	ug/Kg	12/01/25 14:23	VY120125
67-64-1	Acetone	4.10	U	1	4.10	21.5	ug/Kg	12/01/25 14:23	VY120125
75-15-0	Carbon Disulfide	0.91	U	1	0.91	4.30	ug/Kg	12/01/25 14:23	VY120125
1634-04-4	Methyl tert-butyl Ether	0.63	U	1	0.63	4.30	ug/Kg	12/01/25 14:23	VY120125
79-20-9	Methyl Acetate	1.30	U	1	1.30	4.30	ug/Kg	12/01/25 14:23	VY120125
75-09-2	Methylene Chloride	3.00	U	1	3.00	8.60	ug/Kg	12/01/25 14:23	VY120125
156-60-5	trans-1,2-Dichloroethene	0.74	U	1	0.74	4.30	ug/Kg	12/01/25 14:23	VY120125
75-34-3	1,1-Dichloroethane	0.69	U	1	0.69	4.30	ug/Kg	12/01/25 14:23	VY120125
110-82-7	Cyclohexane	0.68	U	1	0.68	4.30	ug/Kg	12/01/25 14:23	VY120125
78-93-3	2-Butanone	5.60	U	1	5.60	21.5	ug/Kg	12/01/25 14:23	VY120125
56-23-5	Carbon Tetrachloride	0.83	U	1	0.83	4.30	ug/Kg	12/01/25 14:23	VY120125
156-59-2	cis-1,2-Dichloroethene	0.64	U	1	0.64	4.30	ug/Kg	12/01/25 14:23	VY120125
74-97-5	Bromochloromethane	0.99	U	1	0.99	4.30	ug/Kg	12/01/25 14:23	VY120125
67-66-3	Chloroform	0.72	U	1	0.72	4.30	ug/Kg	12/01/25 14:23	VY120125
71-55-6	1,1,1-Trichloroethane	0.80	U	1	0.80	4.30	ug/Kg	12/01/25 14:23	VY120125
108-87-2	Methylcyclohexane	0.78	U	1	0.78	4.30	ug/Kg	12/01/25 14:23	VY120125
71-43-2	Benzene	0.68	U	1	0.68	4.30	ug/Kg	12/01/25 14:23	VY120125
107-06-2	1,2-Dichloroethane	0.68	U	1	0.68	4.30	ug/Kg	12/01/25 14:23	VY120125
79-01-6	Trichloroethene	0.70	U	1	0.70	4.30	ug/Kg	12/01/25 14:23	VY120125
78-87-5	1,2-Dichloropropane	0.78	U	1	0.78	4.30	ug/Kg	12/01/25 14:23	VY120125
75-27-4	Bromodichloromethane	0.67	U	1	0.67	4.30	ug/Kg	12/01/25 14:23	VY120125
108-10-1	4-Methyl-2-Pentanone	3.10	U	1	3.10	21.5	ug/Kg	12/01/25 14:23	VY120125
108-88-3	Toluene	0.67	U	1	0.67	4.30	ug/Kg	12/01/25 14:23	VY120125
10061-02-6	t-1,3-Dichloropropene	0.56	U	1	0.56	4.30	ug/Kg	12/01/25 14:23	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.53	U	1	0.53	4.30	ug/Kg	12/01/25 14:23	VY120125
79-00-5	1,1,2-Trichloroethane	0.79	U	1	0.79	4.30	ug/Kg	12/01/25 14:23	VY120125
591-78-6	2-Hexanone	3.20	U	1	3.20	21.5	ug/Kg	12/01/25 14:23	VY120125
124-48-1	Dibromochloromethane	0.75	U	1	0.75	4.30	ug/Kg	12/01/25 14:23	VY120125
106-93-4	1,2-Dibromoethane	0.76	U	1	0.76	4.30	ug/Kg	12/01/25 14:23	VY120125
127-18-4	Tetrachloroethene	0.90	U	1	0.90	4.30	ug/Kg	12/01/25 14:23	VY120125
108-90-7	Chlorobenzene	0.78	U	1	0.78	4.30	ug/Kg	12/01/25 14:23	VY120125
100-41-4	Ethyl Benzene	0.58	U	1	0.58	4.30	ug/Kg	12/01/25 14:23	VY120125
179601-23-1	m/p-Xylenes	1.10	U	1	1.10	8.60	ug/Kg	12/01/25 14:23	VY120125
95-47-6	o-Xylene	0.70	U	1	0.70	4.30	ug/Kg	12/01/25 14:23	VY120125
100-42-5	Styrene	0.61	U	1	0.61	4.30	ug/Kg	12/01/25 14:23	VY120125
75-25-2	Bromoform	0.74	U	1	0.74	4.30	ug/Kg	12/01/25 14:23	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP3-111925
Lab Sample ID: Q3741-01
Analytical Method: 8260D
Sample Wt/Vol: 6.36 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/19/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 91.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.67	U	1	0.67	4.30	ug/Kg	12/01/25 14:23	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	1.00	4.30	ug/Kg	12/01/25 14:23	VY120125
541-73-1	1,3-Dichlorobenzene	1.50	U	1	1.50	4.30	ug/Kg	12/01/25 14:23	VY120125
106-46-7	1,4-Dichlorobenzene	1.30	U	1	1.30	4.30	ug/Kg	12/01/25 14:23	VY120125
95-50-1	1,2-Dichlorobenzene	1.20	U	1	1.20	4.30	ug/Kg	12/01/25 14:23	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	1.60	U	1	1.60	4.30	ug/Kg	12/01/25 14:23	VY120125
120-82-1	1,2,4-Trichlorobenzene	2.50	U	1	2.50	4.30	ug/Kg	12/01/25 14:23	VY120125
87-61-6	1,2,3-Trichlorobenzene	2.70	U	1	2.70	4.30	ug/Kg	12/01/25 14:23	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	63.1			63 - 155	126%	SPK: 50
1868-53-7	Dibromofluoromethane	52.1			70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	50.2			74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.0			52 - 138	86%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	650000
540-36-3	1,4-Difluorobenzene	1230000
3114-55-4	Chlorobenzene-d5	1030000
3855-82-1	1,4-Dichlorobenzene-d4	403000

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP13-112025
Lab Sample ID: Q3741-02
Analytical Method: 8260D
Sample Wt/Vol: 5.13 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 86.4
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	5.60	ug/Kg	12/01/25 12:49	VY120125
74-87-3	Chloromethane	1.30	U	1	1.30	5.60	ug/Kg	12/01/25 12:49	VY120125
75-01-4	Vinyl Chloride	0.89	U	1	0.89	5.60	ug/Kg	12/01/25 12:49	VY120125
74-83-9	Bromomethane	1.20	U	1	1.20	5.60	ug/Kg	12/01/25 12:49	VY120125
75-00-3	Chloroethane	1.40	U	1	1.40	5.60	ug/Kg	12/01/25 12:49	VY120125
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.60	ug/Kg	12/01/25 12:49	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.60	ug/Kg	12/01/25 12:49	VY120125
75-35-4	1,1-Dichloroethene	1.10	U	1	1.10	5.60	ug/Kg	12/01/25 12:49	VY120125
67-64-1	Acetone	5.90	J	1	5.30	28.2	ug/Kg	12/01/25 12:49	VY120125
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.60	ug/Kg	12/01/25 12:49	VY120125
1634-04-4	Methyl tert-butyl Ether	0.82	U	1	0.82	5.60	ug/Kg	12/01/25 12:49	VY120125
79-20-9	Methyl Acetate	1.70	U	1	1.70	5.60	ug/Kg	12/01/25 12:49	VY120125
75-09-2	Methylene Chloride	4.00	U	1	4.00	11.3	ug/Kg	12/01/25 12:49	VY120125
156-60-5	trans-1,2-Dichloroethene	0.97	U	1	0.97	5.60	ug/Kg	12/01/25 12:49	VY120125
75-34-3	1,1-Dichloroethane	0.90	U	1	0.90	5.60	ug/Kg	12/01/25 12:49	VY120125
110-82-7	Cyclohexane	0.89	U	1	0.89	5.60	ug/Kg	12/01/25 12:49	VY120125
78-93-3	2-Butanone	7.40	U	1	7.40	28.2	ug/Kg	12/01/25 12:49	VY120125
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.60	ug/Kg	12/01/25 12:49	VY120125
156-59-2	cis-1,2-Dichloroethene	0.85	U	1	0.85	5.60	ug/Kg	12/01/25 12:49	VY120125
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.60	ug/Kg	12/01/25 12:49	VY120125
67-66-3	Chloroform	0.95	U	1	0.95	5.60	ug/Kg	12/01/25 12:49	VY120125
71-55-6	1,1,1-Trichloroethane	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:49	VY120125
108-87-2	Methylcyclohexane	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:49	VY120125
71-43-2	Benzene	0.89	U	1	0.89	5.60	ug/Kg	12/01/25 12:49	VY120125
107-06-2	1,2-Dichloroethane	0.89	U	1	0.89	5.60	ug/Kg	12/01/25 12:49	VY120125
79-01-6	Trichloroethene	0.91	U	1	0.91	5.60	ug/Kg	12/01/25 12:49	VY120125
78-87-5	1,2-Dichloropropane	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:49	VY120125
75-27-4	Bromodichloromethane	0.88	U	1	0.88	5.60	ug/Kg	12/01/25 12:49	VY120125
108-10-1	4-Methyl-2-Pentanone	4.00	U	1	4.00	28.2	ug/Kg	12/01/25 12:49	VY120125
108-88-3	Toluene	0.88	U	1	0.88	5.60	ug/Kg	12/01/25 12:49	VY120125
10061-02-6	t-1,3-Dichloropropene	0.73	U	1	0.73	5.60	ug/Kg	12/01/25 12:49	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.70	U	1	0.70	5.60	ug/Kg	12/01/25 12:49	VY120125
79-00-5	1,1,2-Trichloroethane	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:49	VY120125
591-78-6	2-Hexanone	4.20	U	1	4.20	28.2	ug/Kg	12/01/25 12:49	VY120125
124-48-1	Dibromochloromethane	0.98	U	1	0.98	5.60	ug/Kg	12/01/25 12:49	VY120125
106-93-4	1,2-Dibromoethane	0.99	U	1	0.99	5.60	ug/Kg	12/01/25 12:49	VY120125
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.60	ug/Kg	12/01/25 12:49	VY120125
108-90-7	Chlorobenzene	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:49	VY120125
100-41-4	Ethyl Benzene	0.76	U	1	0.76	5.60	ug/Kg	12/01/25 12:49	VY120125
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	11.3	ug/Kg	12/01/25 12:49	VY120125
95-47-6	o-Xylene	0.93	U	1	0.93	5.60	ug/Kg	12/01/25 12:49	VY120125
100-42-5	Styrene	0.80	U	1	0.80	5.60	ug/Kg	12/01/25 12:49	VY120125
75-25-2	Bromoform	0.97	U	1	0.97	5.60	ug/Kg	12/01/25 12:49	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP13-112025
Lab Sample ID: Q3741-02
Analytical Method: 8260D
Sample Wt/Vol: 5.13 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 86.4
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.88	U	1	0.88	5.60	ug/Kg	12/01/25 12:49	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.60	ug/Kg	12/01/25 12:49	VY120125
541-73-1	1,3-Dichlorobenzene	1.90	U	1	1.90	5.60	ug/Kg	12/01/25 12:49	VY120125
106-46-7	1,4-Dichlorobenzene	1.80	U	1	1.80	5.60	ug/Kg	12/01/25 12:49	VY120125
95-50-1	1,2-Dichlorobenzene	1.60	U	1	1.60	5.60	ug/Kg	12/01/25 12:49	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	1	2.10	5.60	ug/Kg	12/01/25 12:49	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.40	U	1	3.40	5.60	ug/Kg	12/01/25 12:49	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.60	U	1	3.60	5.60	ug/Kg	12/01/25 12:49	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	61.0			63 - 155	122%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7			70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	50.5			74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.1			52 - 138	80%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	655000
540-36-3	1,4-Difluorobenzene	1210000
3114-55-4	Chlorobenzene-d5	990000
3855-82-1	1,4-Dichlorobenzene-d4	344000

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP14-112025
Lab Sample ID: Q3741-03
Analytical Method: 8260D
Sample Wt/Vol: 4.69 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 87.3
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	6.10	ug/Kg	12/01/25 13:12	VY120125
74-87-3	Chloromethane	1.40	U	1	1.40	6.10	ug/Kg	12/01/25 13:12	VY120125
75-01-4	Vinyl Chloride	0.96	U	1	0.96	6.10	ug/Kg	12/01/25 13:12	VY120125
74-83-9	Bromomethane	1.30	U	1	1.30	6.10	ug/Kg	12/01/25 13:12	VY120125
75-00-3	Chloroethane	1.50	U	1	1.50	6.10	ug/Kg	12/01/25 13:12	VY120125
75-69-4	Trichlorofluoromethane	1.50	U	1	1.50	6.10	ug/Kg	12/01/25 13:12	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1	1.30	6.10	ug/Kg	12/01/25 13:12	VY120125
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	6.10	ug/Kg	12/01/25 13:12	VY120125
67-64-1	Acetone	18.3	J	1	5.80	30.5	ug/Kg	12/01/25 13:12	VY120125
75-15-0	Carbon Disulfide	1.30	U	1	1.30	6.10	ug/Kg	12/01/25 13:12	VY120125
1634-04-4	Methyl tert-butyl Ether	0.89	U	1	0.89	6.10	ug/Kg	12/01/25 13:12	VY120125
79-20-9	Methyl Acetate	1.90	U	1	1.90	6.10	ug/Kg	12/01/25 13:12	VY120125
75-09-2	Methylene Chloride	4.30	U	1	4.30	12.2	ug/Kg	12/01/25 13:12	VY120125
156-60-5	trans-1,2-Dichloroethene	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
75-34-3	1,1-Dichloroethane	0.98	U	1	0.98	6.10	ug/Kg	12/01/25 13:12	VY120125
110-82-7	Cyclohexane	0.96	U	1	0.96	6.10	ug/Kg	12/01/25 13:12	VY120125
78-93-3	2-Butanone	8.00	U	1	8.00	30.5	ug/Kg	12/01/25 13:12	VY120125
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.10	ug/Kg	12/01/25 13:12	VY120125
156-59-2	cis-1,2-Dichloroethene	0.92	U	1	0.92	6.10	ug/Kg	12/01/25 13:12	VY120125
74-97-5	Bromochloromethane	1.40	U	1	1.40	6.10	ug/Kg	12/01/25 13:12	VY120125
67-66-3	Chloroform	1.00	U	1	1.00	6.10	ug/Kg	12/01/25 13:12	VY120125
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
108-87-2	Methylcyclohexane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
71-43-2	Benzene	0.96	U	1	0.96	6.10	ug/Kg	12/01/25 13:12	VY120125
107-06-2	1,2-Dichloroethane	0.96	U	1	0.96	6.10	ug/Kg	12/01/25 13:12	VY120125
79-01-6	Trichloroethene	0.99	U	1	0.99	6.10	ug/Kg	12/01/25 13:12	VY120125
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
75-27-4	Bromodichloromethane	0.95	U	1	0.95	6.10	ug/Kg	12/01/25 13:12	VY120125
108-10-1	4-Methyl-2-Pentanone	4.40	U	1	4.40	30.5	ug/Kg	12/01/25 13:12	VY120125
108-88-3	Toluene	0.95	U	1	0.95	6.10	ug/Kg	12/01/25 13:12	VY120125
10061-02-6	t-1,3-Dichloropropene	0.79	U	1	0.79	6.10	ug/Kg	12/01/25 13:12	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.76	U	1	0.76	6.10	ug/Kg	12/01/25 13:12	VY120125
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
591-78-6	2-Hexanone	4.50	U	1	4.50	30.5	ug/Kg	12/01/25 13:12	VY120125
124-48-1	Dibromochloromethane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.10	ug/Kg	12/01/25 13:12	VY120125
108-90-7	Chlorobenzene	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
100-41-4	Ethyl Benzene	0.82	U	1	0.82	6.10	ug/Kg	12/01/25 13:12	VY120125
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	12.2	ug/Kg	12/01/25 13:12	VY120125
95-47-6	o-Xylene	1.00	U	1	1.00	6.10	ug/Kg	12/01/25 13:12	VY120125
100-42-5	Styrene	0.87	U	1	0.87	6.10	ug/Kg	12/01/25 13:12	VY120125
75-25-2	Bromoform	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP14-112025
Lab Sample ID: Q3741-03
Analytical Method: 8260D
Sample Wt/Vol: 4.69 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 87.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.95	U	1	0.95	6.10	ug/Kg	12/01/25 13:12	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1	1.50	6.10	ug/Kg	12/01/25 13:12	VY120125
541-73-1	1,3-Dichlorobenzene	2.10	U	1	2.10	6.10	ug/Kg	12/01/25 13:12	VY120125
106-46-7	1,4-Dichlorobenzene	1.90	U	1	1.90	6.10	ug/Kg	12/01/25 13:12	VY120125
95-50-1	1,2-Dichlorobenzene	1.80	U	1	1.80	6.10	ug/Kg	12/01/25 13:12	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	1	2.20	6.10	ug/Kg	12/01/25 13:12	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.60	U	1	3.60	6.10	ug/Kg	12/01/25 13:12	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.90	U	1	3.90	6.10	ug/Kg	12/01/25 13:12	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	64.0			63 - 155	128%	SPK: 50
1868-53-7	Dibromofluoromethane	39.4			70 - 134	79%	SPK: 50
2037-26-5	Toluene-d8	50.9			74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.1			52 - 138	78%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	548000
540-36-3	1,4-Difluorobenzene	1010000
3114-55-4	Chlorobenzene-d5	813000
3855-82-1	1,4-Dichlorobenzene-d4	286000

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP9-112425
Lab Sample ID: Q3741-04
Analytical Method: 8260D
Sample Wt/Vol: 5.64 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2
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	12/01/25 13:36	VY120125
74-87-3	Chloromethane	1.20	U	1	1.20	5.20	ug/Kg	12/01/25 13:36	VY120125
75-01-4	Vinyl Chloride	0.82	U	1	0.82	5.20	ug/Kg	12/01/25 13:36	VY120125
74-83-9	Bromomethane	1.10	U	1	1.10	5.20	ug/Kg	12/01/25 13:36	VY120125
75-00-3	Chloroethane	1.30	U	1	1.30	5.20	ug/Kg	12/01/25 13:36	VY120125
75-69-4	Trichlorofluoromethane	1.30	U	1	1.30	5.20	ug/Kg	12/01/25 13:36	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.20	ug/Kg	12/01/25 13:36	VY120125
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.20	ug/Kg	12/01/25 13:36	VY120125
67-64-1	Acetone	13.2	J	1	4.90	26.0	ug/Kg	12/01/25 13:36	VY120125
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.20	ug/Kg	12/01/25 13:36	VY120125
1634-04-4	Methyl tert-butyl Ether	0.76	U	1	0.76	5.20	ug/Kg	12/01/25 13:36	VY120125
79-20-9	Methyl Acetate	1.60	U	1	1.60	5.20	ug/Kg	12/01/25 13:36	VY120125
75-09-2	Methylene Chloride	3.70	U	1	3.70	10.4	ug/Kg	12/01/25 13:36	VY120125
156-60-5	trans-1,2-Dichloroethene	0.89	U	1	0.89	5.20	ug/Kg	12/01/25 13:36	VY120125
75-34-3	1,1-Dichloroethane	0.83	U	1	0.83	5.20	ug/Kg	12/01/25 13:36	VY120125
110-82-7	Cyclohexane	0.82	U	1	0.82	5.20	ug/Kg	12/01/25 13:36	VY120125
78-93-3	2-Butanone	6.80	U	1	6.80	26.0	ug/Kg	12/01/25 13:36	VY120125
56-23-5	Carbon Tetrachloride	1.00	U	1	1.00	5.20	ug/Kg	12/01/25 13:36	VY120125
156-59-2	cis-1,2-Dichloroethene	0.78	U	1	0.78	5.20	ug/Kg	12/01/25 13:36	VY120125
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.20	ug/Kg	12/01/25 13:36	VY120125
67-66-3	Chloroform	0.87	U	1	0.87	5.20	ug/Kg	12/01/25 13:36	VY120125
71-55-6	1,1,1-Trichloroethane	0.97	U	1	0.97	5.20	ug/Kg	12/01/25 13:36	VY120125
108-87-2	Methylcyclohexane	0.95	U	1	0.95	5.20	ug/Kg	12/01/25 13:36	VY120125
71-43-2	Benzene	0.82	U	1	0.82	5.20	ug/Kg	12/01/25 13:36	VY120125
107-06-2	1,2-Dichloroethane	0.82	U	1	0.82	5.20	ug/Kg	12/01/25 13:36	VY120125
79-01-6	Trichloroethene	0.84	U	1	0.84	5.20	ug/Kg	12/01/25 13:36	VY120125
78-87-5	1,2-Dichloropropane	0.95	U	1	0.95	5.20	ug/Kg	12/01/25 13:36	VY120125
75-27-4	Bromodichloromethane	0.81	U	1	0.81	5.20	ug/Kg	12/01/25 13:36	VY120125
108-10-1	4-Methyl-2-Pentanone	3.70	U	1	3.70	26.0	ug/Kg	12/01/25 13:36	VY120125
108-88-3	Toluene	0.81	U	1	0.81	5.20	ug/Kg	12/01/25 13:36	VY120125
10061-02-6	t-1,3-Dichloropropene	0.68	U	1	0.68	5.20	ug/Kg	12/01/25 13:36	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.65	U	1	0.65	5.20	ug/Kg	12/01/25 13:36	VY120125
79-00-5	1,1,2-Trichloroethane	0.96	U	1	0.96	5.20	ug/Kg	12/01/25 13:36	VY120125
591-78-6	2-Hexanone	3.80	U	1	3.80	26.0	ug/Kg	12/01/25 13:36	VY120125
124-48-1	Dibromochloromethane	0.91	U	1	0.91	5.20	ug/Kg	12/01/25 13:36	VY120125
106-93-4	1,2-Dibromoethane	0.92	U	1	0.92	5.20	ug/Kg	12/01/25 13:36	VY120125
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.20	ug/Kg	12/01/25 13:36	VY120125
108-90-7	Chlorobenzene	0.95	U	1	0.95	5.20	ug/Kg	12/01/25 13:36	VY120125
100-41-4	Ethyl Benzene	0.70	U	1	0.70	5.20	ug/Kg	12/01/25 13:36	VY120125
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.4	ug/Kg	12/01/25 13:36	VY120125
95-47-6	o-Xylene	0.85	U	1	0.85	5.20	ug/Kg	12/01/25 13:36	VY120125
100-42-5	Styrene	0.74	U	1	0.74	5.20	ug/Kg	12/01/25 13:36	VY120125
75-25-2	Bromoform	0.89	U	1	0.89	5.20	ug/Kg	12/01/25 13:36	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP9-112425
Lab Sample ID: Q3741-04
Analytical Method: 8260D
Sample Wt/Vol: 5.64 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.81	U	1	0.81	5.20	ug/Kg	12/01/25 13:36	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1	1.30	5.20	ug/Kg	12/01/25 13:36	VY120125
541-73-1	1,3-Dichlorobenzene	1.80	U	1	1.80	5.20	ug/Kg	12/01/25 13:36	VY120125
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.20	ug/Kg	12/01/25 13:36	VY120125
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.20	ug/Kg	12/01/25 13:36	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1	1.90	5.20	ug/Kg	12/01/25 13:36	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.10	U	1	3.10	5.20	ug/Kg	12/01/25 13:36	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.30	U	1	3.30	5.20	ug/Kg	12/01/25 13:36	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	68.2			63 - 155	136%	SPK: 50
1868-53-7	Dibromofluoromethane	24.6	*		70 - 134	49%	SPK: 50
2037-26-5	Toluene-d8	50.8			74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.5			52 - 138	81%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	491000
540-36-3	1,4-Difluorobenzene	930000
3114-55-4	Chlorobenzene-d5	778000
3855-82-1	1,4-Dichlorobenzene-d4	274000

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP9-112425RE
Lab Sample ID: Q3741-04RE
Analytical Method: 8260D
Sample Wt/Vol: 5.07 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2
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	5.80	ug/Kg	12/02/25 12:55	VY120225
74-87-3	Chloromethane	1.30	U	1	1.30	5.80	ug/Kg	12/02/25 12:55	VY120225
75-01-4	Vinyl Chloride	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 12:55	VY120225
74-83-9	Bromomethane	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 12:55	VY120225
75-00-3	Chloroethane	1.50	U	1	1.50	5.80	ug/Kg	12/02/25 12:55	VY120225
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.80	ug/Kg	12/02/25 12:55	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 12:55	VY120225
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 12:55	VY120225
67-64-1	Acetone	5.50	U	1	5.50	28.9	ug/Kg	12/02/25 12:55	VY120225
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 12:55	VY120225
1634-04-4	Methyl tert-butyl Ether	0.84	U	1	0.84	5.80	ug/Kg	12/02/25 12:55	VY120225
79-20-9	Methyl Acetate	1.80	U	1	1.80	5.80	ug/Kg	12/02/25 12:55	VY120225
75-09-2	Methylene Chloride	4.10	U	1	4.10	11.6	ug/Kg	12/02/25 12:55	VY120225
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 12:55	VY120225
75-34-3	1,1-Dichloroethane	0.93	U	1	0.93	5.80	ug/Kg	12/02/25 12:55	VY120225
110-82-7	Cyclohexane	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 12:55	VY120225
78-93-3	2-Butanone	7.60	U	1	7.60	28.9	ug/Kg	12/02/25 12:55	VY120225
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 12:55	VY120225
156-59-2	cis-1,2-Dichloroethene	0.87	U	1	0.87	5.80	ug/Kg	12/02/25 12:55	VY120225
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.80	ug/Kg	12/02/25 12:55	VY120225
67-66-3	Chloroform	0.97	U	1	0.97	5.80	ug/Kg	12/02/25 12:55	VY120225
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 12:55	VY120225
108-87-2	Methylcyclohexane	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 12:55	VY120225
71-43-2	Benzene	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 12:55	VY120225
107-06-2	1,2-Dichloroethane	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 12:55	VY120225
79-01-6	Trichloroethene	0.94	U	1	0.94	5.80	ug/Kg	12/02/25 12:55	VY120225
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 12:55	VY120225
75-27-4	Bromodichloromethane	0.90	U	1	0.90	5.80	ug/Kg	12/02/25 12:55	VY120225
108-10-1	4-Methyl-2-Pentanone	4.10	U	1	4.10	28.9	ug/Kg	12/02/25 12:55	VY120225
108-88-3	Toluene	0.90	U	1	0.90	5.80	ug/Kg	12/02/25 12:55	VY120225
10061-02-6	t-1,3-Dichloropropene	0.75	U	1	0.75	5.80	ug/Kg	12/02/25 12:55	VY120225
10061-01-5	cis-1,3-Dichloropropene	0.72	U	1	0.72	5.80	ug/Kg	12/02/25 12:55	VY120225
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 12:55	VY120225
591-78-6	2-Hexanone	4.30	U	1	4.30	28.9	ug/Kg	12/02/25 12:55	VY120225
124-48-1	Dibromochloromethane	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 12:55	VY120225
106-93-4	1,2-Dibromoethane	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 12:55	VY120225
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 12:55	VY120225
108-90-7	Chlorobenzene	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 12:55	VY120225
100-41-4	Ethyl Benzene	0.78	U	1	0.78	5.80	ug/Kg	12/02/25 12:55	VY120225
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	11.6	ug/Kg	12/02/25 12:55	VY120225
95-47-6	o-Xylene	0.95	U	1	0.95	5.80	ug/Kg	12/02/25 12:55	VY120225
100-42-5	Styrene	0.82	U	1	0.82	5.80	ug/Kg	12/02/25 12:55	VY120225
75-25-2	Bromoform	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 12:55	VY120225

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP9-112425RE
Lab Sample ID: Q3741-04RE
Analytical Method: 8260D
Sample Wt/Vol: 5.07 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.90	U	1	0.90	5.80	ug/Kg	12/02/25 12:55	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.80	ug/Kg	12/02/25 12:55	VY120225
541-73-1	1,3-Dichlorobenzene	2.00	U	1	2.00	5.80	ug/Kg	12/02/25 12:55	VY120225
106-46-7	1,4-Dichlorobenzene	1.80	U	1	1.80	5.80	ug/Kg	12/02/25 12:55	VY120225
95-50-1	1,2-Dichlorobenzene	1.70	U	1	1.70	5.80	ug/Kg	12/02/25 12:55	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	1	2.10	5.80	ug/Kg	12/02/25 12:55	VY120225
120-82-1	1,2,4-Trichlorobenzene	3.40	U	1	3.40	5.80	ug/Kg	12/02/25 12:55	VY120225
87-61-6	1,2,3-Trichlorobenzene	3.70	U	1	3.70	5.80	ug/Kg	12/02/25 12:55	VY120225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.6			63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	42.3			70 - 134	85%	SPK: 50
2037-26-5	Toluene-d8	49.1			74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	24.7	*		52 - 138	49%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	26000
540-36-3	1,4-Difluorobenzene	35100
3114-55-4	Chlorobenzene-d5	25900
3855-82-1	1,4-Dichlorobenzene-d4	4750

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP11-112525
Lab Sample ID: Q3741-05
Analytical Method: 8260D
Sample Wt/Vol: 4.78 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 84.6
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	12/01/25 13:59	VY120125
74-87-3	Chloromethane	1.40	U	1	1.40	6.20	ug/Kg	12/01/25 13:59	VY120125
75-01-4	Vinyl Chloride	0.98	U	1	0.98	6.20	ug/Kg	12/01/25 13:59	VY120125
74-83-9	Bromomethane	1.30	U	1	1.30	6.20	ug/Kg	12/01/25 13:59	VY120125
75-00-3	Chloroethane	1.60	U	1	1.60	6.20	ug/Kg	12/01/25 13:59	VY120125
75-69-4	Trichlorofluoromethane	1.50	U	1	1.50	6.20	ug/Kg	12/01/25 13:59	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1	1.30	6.20	ug/Kg	12/01/25 13:59	VY120125
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	6.20	ug/Kg	12/01/25 13:59	VY120125
67-64-1	Acetone	24.7	J	1	5.90	30.9	ug/Kg	12/01/25 13:59	VY120125
75-15-0	Carbon Disulfide	1.30	U	1	1.30	6.20	ug/Kg	12/01/25 13:59	VY120125
1634-04-4	Methyl tert-butyl Ether	0.90	U	1	0.90	6.20	ug/Kg	12/01/25 13:59	VY120125
79-20-9	Methyl Acetate	1.90	U	1	1.90	6.20	ug/Kg	12/01/25 13:59	VY120125
75-09-2	Methylene Chloride	4.40	U	1	4.40	12.4	ug/Kg	12/01/25 13:59	VY120125
156-60-5	trans-1,2-Dichloroethene	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
75-34-3	1,1-Dichloroethane	0.99	U	1	0.99	6.20	ug/Kg	12/01/25 13:59	VY120125
110-82-7	Cyclohexane	0.98	U	1	0.98	6.20	ug/Kg	12/01/25 13:59	VY120125
78-93-3	2-Butanone	8.10	U	1	8.10	30.9	ug/Kg	12/01/25 13:59	VY120125
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.20	ug/Kg	12/01/25 13:59	VY120125
156-59-2	cis-1,2-Dichloroethene	0.93	U	1	0.93	6.20	ug/Kg	12/01/25 13:59	VY120125
74-97-5	Bromochloromethane	1.40	U	1	1.40	6.20	ug/Kg	12/01/25 13:59	VY120125
67-66-3	Chloroform	1.00	U	1	1.00	6.20	ug/Kg	12/01/25 13:59	VY120125
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
108-87-2	Methylcyclohexane	2.70	J	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
71-43-2	Benzene	0.98	U	1	0.98	6.20	ug/Kg	12/01/25 13:59	VY120125
107-06-2	1,2-Dichloroethane	0.98	U	1	0.98	6.20	ug/Kg	12/01/25 13:59	VY120125
79-01-6	Trichloroethene	1.00	U	1	1.00	6.20	ug/Kg	12/01/25 13:59	VY120125
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
75-27-4	Bromodichloromethane	0.96	U	1	0.96	6.20	ug/Kg	12/01/25 13:59	VY120125
108-10-1	4-Methyl-2-Pentanone	4.40	U	1	4.40	30.9	ug/Kg	12/01/25 13:59	VY120125
108-88-3	Toluene	2.10	J	1	0.96	6.20	ug/Kg	12/01/25 13:59	VY120125
10061-02-6	t-1,3-Dichloropropene	0.80	U	1	0.80	6.20	ug/Kg	12/01/25 13:59	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.77	U	1	0.77	6.20	ug/Kg	12/01/25 13:59	VY120125
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
591-78-6	2-Hexanone	4.60	U	1	4.60	30.9	ug/Kg	12/01/25 13:59	VY120125
124-48-1	Dibromochloromethane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.20	ug/Kg	12/01/25 13:59	VY120125
108-90-7	Chlorobenzene	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
100-41-4	Ethyl Benzene	2.50	J	1	0.83	6.20	ug/Kg	12/01/25 13:59	VY120125
179601-23-1	m/p-Xylenes	11.4	J	1	1.50	12.4	ug/Kg	12/01/25 13:59	VY120125
95-47-6	o-Xylene	7.40		1	1.00	6.20	ug/Kg	12/01/25 13:59	VY120125
100-42-5	Styrene	0.88	U	1	0.88	6.20	ug/Kg	12/01/25 13:59	VY120125
75-25-2	Bromoform	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP11-112525
Lab Sample ID: Q3741-05
Analytical Method: 8260D
Sample Wt/Vol: 4.78 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 84.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.30	J	1	0.96	6.20	ug/Kg	12/01/25 13:59	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1	1.50	6.20	ug/Kg	12/01/25 13:59	VY120125
541-73-1	1,3-Dichlorobenzene	2.10	U	1	2.10	6.20	ug/Kg	12/01/25 13:59	VY120125
106-46-7	1,4-Dichlorobenzene	1.90	U	1	1.90	6.20	ug/Kg	12/01/25 13:59	VY120125
95-50-1	1,2-Dichlorobenzene	1.80	U	1	1.80	6.20	ug/Kg	12/01/25 13:59	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	2.30	U	1	2.30	6.20	ug/Kg	12/01/25 13:59	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.70	U	1	3.70	6.20	ug/Kg	12/01/25 13:59	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.90	U	1	3.90	6.20	ug/Kg	12/01/25 13:59	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.9			63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	31.3	*		70 - 134	63%	SPK: 50
2037-26-5	Toluene-d8	50.2			74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	35.5			52 - 138	71%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	153000
540-36-3	1,4-Difluorobenzene	238000
3114-55-4	Chlorobenzene-d5	180000
3855-82-1	1,4-Dichlorobenzene-d4	60500

TENTATIVE IDENTIFIED COMPOUNDS

103-65-1	n-propylbenzene	4.30	J		12.6	ug/Kg
000620-14-4	Benzene, 1-ethyl-3-methyl-	30.8	J		12.7	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	27.4	J		12.7	ug/Kg
000526-73-8	Benzene, 1,2,3-trimethyl-	20.8	J		12.9	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	58.5	J		13.0	ug/Kg
135-98-8	sec-Butylbenzene	1.70	J		13.2	ug/Kg
99-87-6	p-Isopropyltoluene	1.30	J		13.3	ug/Kg
104-51-8	n-Butylbenzene	2.50	J		13.6	ug/Kg
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	20.2	J		13.8	ug/Kg
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	28.4	J		13.9	ug/Kg
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	20.9	J		14.2	ug/Kg
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	31.8	J		14.3	ug/Kg

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP11-112525RE
Lab Sample ID: Q3741-05RE
Analytical Method: 8260D
Sample Wt/Vol: 5.85 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 84.6
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	5.10	ug/Kg	12/02/25 13:18	VY120225
74-87-3	Chloromethane	1.20	U	1	1.20	5.10	ug/Kg	12/02/25 13:18	VY120225
75-01-4	Vinyl Chloride	0.80	U	1	0.80	5.10	ug/Kg	12/02/25 13:18	VY120225
74-83-9	Bromomethane	1.10	U	1	1.10	5.10	ug/Kg	12/02/25 13:18	VY120225
75-00-3	Chloroethane	1.30	U	1	1.30	5.10	ug/Kg	12/02/25 13:18	VY120225
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.10	ug/Kg	12/02/25 13:18	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.10	ug/Kg	12/02/25 13:18	VY120225
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.10	ug/Kg	12/02/25 13:18	VY120225
67-64-1	Acetone	18.8	J	1	4.80	25.3	ug/Kg	12/02/25 13:18	VY120225
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.10	ug/Kg	12/02/25 13:18	VY120225
1634-04-4	Methyl tert-butyl Ether	0.74	U	1	0.74	5.10	ug/Kg	12/02/25 13:18	VY120225
79-20-9	Methyl Acetate	1.60	U	1	1.60	5.10	ug/Kg	12/02/25 13:18	VY120225
75-09-2	Methylene Chloride	3.60	U	1	3.60	10.1	ug/Kg	12/02/25 13:18	VY120225
156-60-5	trans-1,2-Dichloroethene	0.87	U	1	0.87	5.10	ug/Kg	12/02/25 13:18	VY120225
75-34-3	1,1-Dichloroethane	0.81	U	1	0.81	5.10	ug/Kg	12/02/25 13:18	VY120225
110-82-7	Cyclohexane	0.80	U	1	0.80	5.10	ug/Kg	12/02/25 13:18	VY120225
78-93-3	2-Butanone	6.60	U	1	6.60	25.3	ug/Kg	12/02/25 13:18	VY120225
56-23-5	Carbon Tetrachloride	0.98	U	1	0.98	5.10	ug/Kg	12/02/25 13:18	VY120225
156-59-2	cis-1,2-Dichloroethene	0.76	U	1	0.76	5.10	ug/Kg	12/02/25 13:18	VY120225
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.10	ug/Kg	12/02/25 13:18	VY120225
67-66-3	Chloroform	0.85	U	1	0.85	5.10	ug/Kg	12/02/25 13:18	VY120225
71-55-6	1,1,1-Trichloroethane	0.94	U	1	0.94	5.10	ug/Kg	12/02/25 13:18	VY120225
108-87-2	Methylcyclohexane	1.90	J	1	0.92	5.10	ug/Kg	12/02/25 13:18	VY120225
71-43-2	Benzene	0.80	U	1	0.80	5.10	ug/Kg	12/02/25 13:18	VY120225
107-06-2	1,2-Dichloroethane	0.80	U	1	0.80	5.10	ug/Kg	12/02/25 13:18	VY120225
79-01-6	Trichloroethene	0.82	U	1	0.82	5.10	ug/Kg	12/02/25 13:18	VY120225
78-87-5	1,2-Dichloropropane	0.92	U	1	0.92	5.10	ug/Kg	12/02/25 13:18	VY120225
75-27-4	Bromodichloromethane	0.79	U	1	0.79	5.10	ug/Kg	12/02/25 13:18	VY120225
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.3	ug/Kg	12/02/25 13:18	VY120225
108-88-3	Toluene	2.10	J	1	0.79	5.10	ug/Kg	12/02/25 13:18	VY120225
10061-02-6	t-1,3-Dichloropropene	0.66	U	1	0.66	5.10	ug/Kg	12/02/25 13:18	VY120225
10061-01-5	cis-1,3-Dichloropropene	0.63	U	1	0.63	5.10	ug/Kg	12/02/25 13:18	VY120225
79-00-5	1,1,2-Trichloroethane	0.93	U	1	0.93	5.10	ug/Kg	12/02/25 13:18	VY120225
591-78-6	2-Hexanone	3.70	U	1	3.70	25.3	ug/Kg	12/02/25 13:18	VY120225
124-48-1	Dibromochloromethane	0.88	U	1	0.88	5.10	ug/Kg	12/02/25 13:18	VY120225
106-93-4	1,2-Dibromoethane	0.89	U	1	0.89	5.10	ug/Kg	12/02/25 13:18	VY120225
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.10	ug/Kg	12/02/25 13:18	VY120225
108-90-7	Chlorobenzene	0.92	U	1	0.92	5.10	ug/Kg	12/02/25 13:18	VY120225
100-41-4	Ethyl Benzene	3.70	J	1	0.68	5.10	ug/Kg	12/02/25 13:18	VY120225
179601-23-1	m/p-Xylenes	18.6		1	1.30	10.1	ug/Kg	12/02/25 13:18	VY120225
95-47-6	o-Xylene	11.6		1	0.83	5.10	ug/Kg	12/02/25 13:18	VY120225
100-42-5	Styrene	0.72	U	1	0.72	5.10	ug/Kg	12/02/25 13:18	VY120225
75-25-2	Bromoform	0.87	U	1	0.87	5.10	ug/Kg	12/02/25 13:18	VY120225

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP11-112525RE	SDG No.:	Q3741
Lab Sample ID:	Q3741-05RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.6
Sample Wt/Vol:	5.85 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.70	J	1	0.79	5.10	ug/Kg	12/02/25 13:18	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.10	ug/Kg	12/02/25 13:18	VY120225
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.10	ug/Kg	12/02/25 13:18	VY120225
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.10	ug/Kg	12/02/25 13:18	VY120225
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.10	ug/Kg	12/02/25 13:18	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1	1.90	5.10	ug/Kg	12/02/25 13:18	VY120225
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.10	ug/Kg	12/02/25 13:18	VY120225
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.10	ug/Kg	12/02/25 13:18	VY120225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	60.1			63 - 155	120%	SPK: 50
1868-53-7	Dibromofluoromethane	29.5	*		70 - 134	59%	SPK: 50
2037-26-5	Toluene-d8	51.4			74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.2			52 - 138	84%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	438000
540-36-3	1,4-Difluorobenzene	779000
3114-55-4	Chlorobenzene-d5	644000
3855-82-1	1,4-Dichlorobenzene-d4	232000

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525
Lab Sample ID: Q3741-06
Analytical Method: 8260D
Sample Wt/Vol: 6.04 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	4.80	ug/Kg	12/01/25 14:46	VY120125
74-87-3	Chloromethane	1.10	U	1	1.10	4.80	ug/Kg	12/01/25 14:46	VY120125
75-01-4	Vinyl Chloride	0.76	U	1	0.76	4.80	ug/Kg	12/01/25 14:46	VY120125
74-83-9	Bromomethane	1.00	U	1	1.00	4.80	ug/Kg	12/01/25 14:46	VY120125
75-00-3	Chloroethane	1.20	U	1	1.20	4.80	ug/Kg	12/01/25 14:46	VY120125
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	4.80	ug/Kg	12/01/25 14:46	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	1.00	4.80	ug/Kg	12/01/25 14:46	VY120125
75-35-4	1,1-Dichloroethene	0.96	U	1	0.96	4.80	ug/Kg	12/01/25 14:46	VY120125
67-64-1	Acetone	4.60	U	1	4.60	24.1	ug/Kg	12/01/25 14:46	VY120125
75-15-0	Carbon Disulfide	1.00	U	1	1.00	4.80	ug/Kg	12/01/25 14:46	VY120125
1634-04-4	Methyl tert-butyl Ether	0.70	U	1	0.70	4.80	ug/Kg	12/01/25 14:46	VY120125
79-20-9	Methyl Acetate	1.50	U	1	1.50	4.80	ug/Kg	12/01/25 14:46	VY120125
75-09-2	Methylene Chloride	3.40	U	1	3.40	9.60	ug/Kg	12/01/25 14:46	VY120125
156-60-5	trans-1,2-Dichloroethene	0.83	U	1	0.83	4.80	ug/Kg	12/01/25 14:46	VY120125
75-34-3	1,1-Dichloroethane	0.77	U	1	0.77	4.80	ug/Kg	12/01/25 14:46	VY120125
110-82-7	Cyclohexane	0.76	U	1	0.76	4.80	ug/Kg	12/01/25 14:46	VY120125
78-93-3	2-Butanone	6.30	U	1	6.30	24.1	ug/Kg	12/01/25 14:46	VY120125
56-23-5	Carbon Tetrachloride	0.93	U	1	0.93	4.80	ug/Kg	12/01/25 14:46	VY120125
156-59-2	cis-1,2-Dichloroethene	0.72	U	1	0.72	4.80	ug/Kg	12/01/25 14:46	VY120125
74-97-5	Bromochloromethane	1.10	U	1	1.10	4.80	ug/Kg	12/01/25 14:46	VY120125
67-66-3	Chloroform	0.81	U	1	0.81	4.80	ug/Kg	12/01/25 14:46	VY120125
71-55-6	1,1,1-Trichloroethane	0.90	U	1	0.90	4.80	ug/Kg	12/01/25 14:46	VY120125
108-87-2	Methylcyclohexane	0.88	U	1	0.88	4.80	ug/Kg	12/01/25 14:46	VY120125
71-43-2	Benzene	0.76	U	1	0.76	4.80	ug/Kg	12/01/25 14:46	VY120125
107-06-2	1,2-Dichloroethane	0.76	U	1	0.76	4.80	ug/Kg	12/01/25 14:46	VY120125
79-01-6	Trichloroethene	0.78	U	1	0.78	4.80	ug/Kg	12/01/25 14:46	VY120125
78-87-5	1,2-Dichloropropane	0.88	U	1	0.88	4.80	ug/Kg	12/01/25 14:46	VY120125
75-27-4	Bromodichloromethane	0.75	U	1	0.75	4.80	ug/Kg	12/01/25 14:46	VY120125
108-10-1	4-Methyl-2-Pentanone	3.50	U	1	3.50	24.1	ug/Kg	12/01/25 14:46	VY120125
108-88-3	Toluene	0.75	U	1	0.75	4.80	ug/Kg	12/01/25 14:46	VY120125
10061-02-6	t-1,3-Dichloropropene	0.63	U	1	0.63	4.80	ug/Kg	12/01/25 14:46	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.60	U	1	0.60	4.80	ug/Kg	12/01/25 14:46	VY120125
79-00-5	1,1,2-Trichloroethane	0.89	U	1	0.89	4.80	ug/Kg	12/01/25 14:46	VY120125
591-78-6	2-Hexanone	3.60	U	1	3.60	24.1	ug/Kg	12/01/25 14:46	VY120125
124-48-1	Dibromochloromethane	0.84	U	1	0.84	4.80	ug/Kg	12/01/25 14:46	VY120125
106-93-4	1,2-Dibromoethane	0.85	U	1	0.85	4.80	ug/Kg	12/01/25 14:46	VY120125
127-18-4	Tetrachloroethene	1.00	U	1	1.00	4.80	ug/Kg	12/01/25 14:46	VY120125
108-90-7	Chlorobenzene	0.88	U	1	0.88	4.80	ug/Kg	12/01/25 14:46	VY120125
100-41-4	Ethyl Benzene	0.65	U	1	0.65	4.80	ug/Kg	12/01/25 14:46	VY120125
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	9.60	ug/Kg	12/01/25 14:46	VY120125
95-47-6	o-Xylene	0.79	U	1	0.79	4.80	ug/Kg	12/01/25 14:46	VY120125
100-42-5	Styrene	0.68	U	1	0.68	4.80	ug/Kg	12/01/25 14:46	VY120125
75-25-2	Bromoform	0.83	U	1	0.83	4.80	ug/Kg	12/01/25 14:46	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525
Lab Sample ID: Q3741-06
Analytical Method: 8260D
Sample Wt/Vol: 6.04 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.75	U	1	0.75	4.80	ug/Kg	12/01/25 14:46	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	4.80	ug/Kg	12/01/25 14:46	VY120125
541-73-1	1,3-Dichlorobenzene	1.60	U	1	1.60	4.80	ug/Kg	12/01/25 14:46	VY120125
106-46-7	1,4-Dichlorobenzene	1.50	U	1	1.50	4.80	ug/Kg	12/01/25 14:46	VY120125
95-50-1	1,2-Dichlorobenzene	1.40	U	1	1.40	4.80	ug/Kg	12/01/25 14:46	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	4.80	ug/Kg	12/01/25 14:46	VY120125
120-82-1	1,2,4-Trichlorobenzene	2.90	U	1	2.90	4.80	ug/Kg	12/01/25 14:46	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.10	U	1	3.10	4.80	ug/Kg	12/01/25 14:46	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	39.7			63 - 155	79%	SPK: 50
1868-53-7	Dibromofluoromethane	16.1	*		70 - 134	32%	SPK: 50
2037-26-5	Toluene-d8	46.9			74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	34.1			52 - 138	68%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	27800
540-36-3	1,4-Difluorobenzene	36500
3114-55-4	Chlorobenzene-d5	25300
3855-82-1	1,4-Dichlorobenzene-d4	6300

TENTATIVE IDENTIFIED COMPOUNDS

000508-32-7	Tricyclo[2.2.1.0(2,6)]heptane, 1,7	21.0	J		12.2	ug/Kg
000080-56-8	.alpha.-Pinene	1000	J		12.3	ug/Kg
056816-08-1	Cyclohexene, 5-methyl-3-(1-methyl-4-oxo-2-prop-1-en-1-yl)-	40.6	J		12.5	ug/Kg
000079-92-5	Camphene	380	J		12.5	ug/Kg
000127-91-3	.beta.-Pinene	220	J		12.8	ug/Kg
000099-86-5	1,3-Cyclohexadiene, 1-methyl-4-(1-methyl-2-prop-1-en-1-yl)-	110	J		13.2	ug/Kg
99-87-6	p-Isopropyltoluene	64.7	J		13.3	ug/Kg
000099-85-4	.gamma.-Terpinene	59.2	J		13.5	ug/Kg
000586-62-9	Cyclohexene, 1-methyl-4-(1-methyl-2-prop-1-en-1-yl)-	82.9	J		13.8	ug/Kg

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525RE
Lab Sample ID: Q3741-06RE
Analytical Method: 8260D
Sample Wt/Vol: 5.06 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
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	5.80	ug/Kg	12/02/25 13:42	VY120225
74-87-3	Chloromethane	1.30	U	1	1.30	5.80	ug/Kg	12/02/25 13:42	VY120225
75-01-4	Vinyl Chloride	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 13:42	VY120225
74-83-9	Bromomethane	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 13:42	VY120225
75-00-3	Chloroethane	1.40	U	1	1.40	5.80	ug/Kg	12/02/25 13:42	VY120225
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.80	ug/Kg	12/02/25 13:42	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 13:42	VY120225
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 13:42	VY120225
67-64-1	Acetone	23.7	J	1	5.50	28.8	ug/Kg	12/02/25 13:42	VY120225
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 13:42	VY120225
1634-04-4	Methyl tert-butyl Ether	0.84	U	1	0.84	5.80	ug/Kg	12/02/25 13:42	VY120225
79-20-9	Methyl Acetate	1.80	U	1	1.80	5.80	ug/Kg	12/02/25 13:42	VY120225
75-09-2	Methylene Chloride	4.10	U	1	4.10	11.5	ug/Kg	12/02/25 13:42	VY120225
156-60-5	trans-1,2-Dichloroethene	0.99	U	1	0.99	5.80	ug/Kg	12/02/25 13:42	VY120225
75-34-3	1,1-Dichloroethane	0.92	U	1	0.92	5.80	ug/Kg	12/02/25 13:42	VY120225
110-82-7	Cyclohexane	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 13:42	VY120225
78-93-3	2-Butanone	7.50	U	1	7.50	28.8	ug/Kg	12/02/25 13:42	VY120225
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 13:42	VY120225
156-59-2	cis-1,2-Dichloroethene	0.86	U	1	0.86	5.80	ug/Kg	12/02/25 13:42	VY120225
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.80	ug/Kg	12/02/25 13:42	VY120225
67-66-3	Chloroform	0.97	U	1	0.97	5.80	ug/Kg	12/02/25 13:42	VY120225
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 13:42	VY120225
108-87-2	Methylcyclohexane	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 13:42	VY120225
71-43-2	Benzene	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 13:42	VY120225
107-06-2	1,2-Dichloroethane	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 13:42	VY120225
79-01-6	Trichloroethene	0.93	U	1	0.93	5.80	ug/Kg	12/02/25 13:42	VY120225
78-87-5	1,2-Dichloropropane	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 13:42	VY120225
75-27-4	Bromodichloromethane	0.90	U	1	0.90	5.80	ug/Kg	12/02/25 13:42	VY120225
108-10-1	4-Methyl-2-Pentanone	4.10	U	1	4.10	28.8	ug/Kg	12/02/25 13:42	VY120225
108-88-3	Toluene	0.90	U	1	0.90	5.80	ug/Kg	12/02/25 13:42	VY120225
10061-02-6	t-1,3-Dichloropropene	0.75	U	1	0.75	5.80	ug/Kg	12/02/25 13:42	VY120225
10061-01-5	cis-1,3-Dichloropropene	0.71	U	1	0.71	5.80	ug/Kg	12/02/25 13:42	VY120225
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 13:42	VY120225
591-78-6	2-Hexanone	4.20	U	1	4.20	28.8	ug/Kg	12/02/25 13:42	VY120225
124-48-1	Dibromochloromethane	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 13:42	VY120225
106-93-4	1,2-Dibromoethane	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 13:42	VY120225
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 13:42	VY120225
108-90-7	Chlorobenzene	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 13:42	VY120225
100-41-4	Ethyl Benzene	0.77	U	1	0.77	5.80	ug/Kg	12/02/25 13:42	VY120225
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	11.5	ug/Kg	12/02/25 13:42	VY120225
95-47-6	o-Xylene	0.94	U	1	0.94	5.80	ug/Kg	12/02/25 13:42	VY120225
100-42-5	Styrene	0.82	U	1	0.82	5.80	ug/Kg	12/02/25 13:42	VY120225
75-25-2	Bromoform	0.99	U	1	0.99	5.80	ug/Kg	12/02/25 13:42	VY120225

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525RE
Lab Sample ID: Q3741-06RE
Analytical Method: 8260D
Sample Wt/Vol: 5.06 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	4.40	J	1	0.90	5.80	ug/Kg	12/02/25 13:42	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.80	ug/Kg	12/02/25 13:42	VY120225
541-73-1	1,3-Dichlorobenzene	2.00	U	1	2.00	5.80	ug/Kg	12/02/25 13:42	VY120225
106-46-7	1,4-Dichlorobenzene	1.80	U	1	1.80	5.80	ug/Kg	12/02/25 13:42	VY120225
95-50-1	1,2-Dichlorobenzene	1.70	U	1	1.70	5.80	ug/Kg	12/02/25 13:42	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	1	2.10	5.80	ug/Kg	12/02/25 13:42	VY120225
120-82-1	1,2,4-Trichlorobenzene	3.40	U	1	3.40	5.80	ug/Kg	12/02/25 13:42	VY120225
87-61-6	1,2,3-Trichlorobenzene	3.70	U	1	3.70	5.80	ug/Kg	12/02/25 13:42	VY120225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	45.2			63 - 155	90%	SPK: 50
1868-53-7	Dibromofluoromethane	35.2			70 - 134	70%	SPK: 50
2037-26-5	Toluene-d8	48.5			74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	32.5			52 - 138	65%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	84200
540-36-3	1,4-Difluorobenzene	113000
3114-55-4	Chlorobenzene-d5	83700
3855-82-1	1,4-Dichlorobenzene-d4	24700

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: TB-1
Lab Sample ID: Q3741-07
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 12:51	VN120125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/01/25 12:51	VN120125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/01/25 12:51	VN120125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/01/25 12:51	VN120125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/01/25 12:51	VN120125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/01/25 12:51	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/01/25 12:51	VN120125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 12:51	VN120125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	12/01/25 12:51	VN120125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/01/25 12:51	VN120125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/01/25 12:51	VN120125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/01/25 12:51	VN120125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/01/25 12:51	VN120125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 12:51	VN120125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/01/25 12:51	VN120125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	12/01/25 12:51	VN120125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/01/25 12:51	VN120125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/01/25 12:51	VN120125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/01/25 12:51	VN120125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 12:51	VN120125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/01/25 12:51	VN120125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/01/25 12:51	VN120125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	12/01/25 12:51	VN120125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/01/25 12:51	VN120125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 12:51	VN120125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/01/25 12:51	VN120125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/01/25 12:51	VN120125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 12:51	VN120125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/01/25 12:51	VN120125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	12/01/25 12:51	VN120125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/01/25 12:51	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/01/25 12:51	VN120125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/01/25 12:51	VN120125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/01/25 12:51	VN120125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/01/25 12:51	VN120125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/01/25 12:51	VN120125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 12:51	VN120125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 12:51	VN120125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	12/01/25 12:51	VN120125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	12/01/25 12:51	VN120125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	12/01/25 12:51	VN120125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/01/25 12:51	VN120125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	12/01/25 12:51	VN120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: TB-1
Lab Sample ID: Q3741-07
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 12:51	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/01/25 12:51	VN120125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 12:51	VN120125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/01/25 12:51	VN120125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 12:51	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/01/25 12:51	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 12:51	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 12:51	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	54.3			74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6			75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	50.4			86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.5			77 - 121	109%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	191000
540-36-3	1,4-Difluorobenzene	417000
3114-55-4	Chlorobenzene-d5	399000
3855-82-1	1,4-Dichlorobenzene-d4	193000

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



QC SUMMARY

Surrogate Summary

SDG No.: **Q3741**

Client: **Core Environmental Consultants and Services, Inc.**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3741-01	B50-SP3-111925	1,2-Dichloroethane-d4	50	63.1	126		63	155
		Dibromofluoromethane	50	52.1	104		70	134
		Toluene-d8	50	50.2	100		74	123
		4-Bromofluorobenzene	50	43.0	86		52	138
Q3741-02	B50-SP13-112025	1,2-Dichloroethane-d4	50	61.0	122		63	155
		Dibromofluoromethane	50	52.7	105		70	134
		Toluene-d8	50	50.5	101		74	123
		4-Bromofluorobenzene	50	40.1	80		52	138
Q3741-03	B50-SP14-112025	1,2-Dichloroethane-d4	50	64.0	128		63	155
		Dibromofluoromethane	50	39.4	79		70	134
		Toluene-d8	50	50.9	102		74	123
		4-Bromofluorobenzene	50	39.1	78		52	138
Q3741-04	B50-SP9-112425	1,2-Dichloroethane-d4	50	68.2	136		63	155
		Dibromofluoromethane	50	24.6	49	*	70	134
		Toluene-d8	50	50.8	102		74	123
		4-Bromofluorobenzene	50	40.5	81		52	138
Q3741-04RE	B50-SP9-112425RE	1,2-Dichloroethane-d4	50	52.6	105		63	155
		Dibromofluoromethane	50	42.3	85		70	134
		Toluene-d8	50	49.1	98		74	123
		4-Bromofluorobenzene	50	24.8	49	*	52	138
Q3741-05	B50-SP11-112525	1,2-Dichloroethane-d4	50	53.0	106		63	155
		Dibromofluoromethane	50	31.3	63	*	70	134
		Toluene-d8	50	50.2	100		74	123
		4-Bromofluorobenzene	50	35.5	71		52	138
Q3741-05RE	B50-SP11-112525RE	1,2-Dichloroethane-d4	50	60.1	120		63	155
		Dibromofluoromethane	50	29.5	59	*	70	134
		Toluene-d8	50	51.4	103		74	123
		4-Bromofluorobenzene	50	42.2	84		52	138
Q3741-06	B50-SP4-112525	1,2-Dichloroethane-d4	50	39.7	79		63	155
		Dibromofluoromethane	50	16.1	32	*	70	134
		Toluene-d8	50	46.9	94		74	123
		4-Bromofluorobenzene	50	34.1	68		52	138
Q3741-06RE	B50-SP4-112525RE	1,2-Dichloroethane-d4	50	45.1	90		63	155
		Dibromofluoromethane	50	35.2	70		70	134
		Toluene-d8	50	48.5	97		74	123
		4-Bromofluorobenzene	50	32.5	65		52	138
VY1201SBL01	VY1201SBL01	1,2-Dichloroethane-d4	50	58.3	117		63	155
		Dibromofluoromethane	50	51.0	102		70	134
		Toluene-d8	50	49.5	99		74	123
		4-Bromofluorobenzene	50	42.2	84		52	138
VY1201SBS01	VY1201SBS01	1,2-Dichloroethane-d4	50	47.7	95		63	155
		Dibromofluoromethane	50	50.5	101		70	134
		Toluene-d8	50	50.2	100		74	123
		4-Bromofluorobenzene	50	49.2	98		52	138
VY1201SBSD01	VY1201SBSD01	1,2-Dichloroethane-d4	50	48.0	96		63	155
		Dibromofluoromethane	50	50.5	101		70	134
		Toluene-d8	50	50.0	100		74	123
		4-Bromofluorobenzene	50	48.3	97		52	138
VY1202SBL01	VY1202SBL01	1,2-Dichloroethane-d4	50	62.7	125		63	155
		Dibromofluoromethane	50	54.2	108		70	134

Surrogate Summary

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
VY1202SBL01	VY1202SBL01	Toluene-d8	50	50.7	101		74	123
		4-Bromofluorobenzene	50	45.9	92		52	138
VY1202SBS01	VY1202SBS01	1,2-Dichloroethane-d4	50	47.9	96		63	155
		Dibromofluoromethane	50	48.5	97		70	134
		Toluene-d8	50	47.9	96		74	123
		4-Bromofluorobenzene	50	47.1	94		52	138

Surrogate Summary

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3741-07	TB-1	1,2-Dichloroethane-d4	50	54.3	109		74	125
		Dibromofluoromethane	50	51.6	103		75	124
		Toluene-d8	50	50.4	101		86	113
		4-Bromofluorobenzene	50	54.5	109		77	121
VN1201WBL01	VN1201WBL01	1,2-Dichloroethane-d4	50	57.8	116		74	125
		Dibromofluoromethane	50	52.2	104		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	52.4	105		77	121
VN1201WBS01	VN1201WBS01	1,2-Dichloroethane-d4	50	56.0	112		74	125
		Dibromofluoromethane	50	55.1	110		75	124
		Toluene-d8	50	54.9	110		86	113
		4-Bromofluorobenzene	50	53.3	107		77	121
VN1201WBSD0	VN1201WBSD01	1,2-Dichloroethane-d4	50	52.2	104		74	125
		Dibromofluoromethane	50	52.3	105		75	124
		Toluene-d8	50	53.2	106		86	113
		4-Bromofluorobenzene	50	51.1	102		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3741 Analytical Method: SW8260-Low
Client: Core Environmental Consultants and Datafile : VN088373.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1201WBS01	Dichlorodifluoromethane	20	18.2	ug/L	91			69	116	
	Chloromethane	20	19.4	ug/L	97			65	116	
	Vinyl chloride	20	18.9	ug/L	95			65	117	
	Bromomethane	20	19.7	ug/L	99			58	125	
	Chloroethane	20	19.5	ug/L	98			56	128	
	Trichlorofluoromethane	20	18.6	ug/L	93			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.6	ug/L	93			80	112	
	1,1-Dichloroethene	20	19.0	ug/L	95			74	110	
	Acetone	100	87.9	ug/L	88			60	125	
	Carbon disulfide	20	19.4	ug/L	97			64	112	
	Methyl tert-butyl Ether	20	19.9	ug/L	100			78	114	
	Methyl Acetate	20	19.1	ug/L	96			57	150	
	Methylene Chloride	20	20.0	ug/L	100			72	114	
	trans-1,2-Dichloroethene	20	19.6	ug/L	98			75	108	
	1,1-Dichloroethane	20	19.8	ug/L	99			78	112	
	Cyclohexane	20	17.9	ug/L	90			75	110	
	2-Butanone	100	96.0	ug/L	96			65	122	
	Carbon Tetrachloride	20	18.3	ug/L	92			77	113	
	cis-1,2-Dichloroethene	20	20.1	ug/L	101			77	110	
	Bromochloromethane	20	19.3	ug/L	97			70	124	
	Chloroform	20	20.3	ug/L	102			79	113	
	1,1,1-Trichloroethane	20	18.8	ug/L	94			80	108	
	Methylcyclohexane	20	17.1	ug/L	86			72	115	
	Benzene	20	19.4	ug/L	97			82	109	
	1,2-Dichloroethane	20	19.6	ug/L	98			80	115	
	Trichloroethene	20	18.8	ug/L	94			77	113	
	1,2-Dichloropropane	20	19.8	ug/L	99			83	111	
	Bromodichloromethane	20	19.5	ug/L	98			83	110	
	4-Methyl-2-Pentanone	100	98.3	ug/L	98			74	118	
	Toluene	20	19.5	ug/L	98			82	110	
	t-1,3-Dichloropropene	20	19.9	ug/L	100			79	110	
	cis-1,3-Dichloropropene	20	20.1	ug/L	101			82	110	
	1,1,2-Trichloroethane	20	20.2	ug/L	101			83	112	
	2-Hexanone	100	93.5	ug/L	94			73	117	
	Dibromochloromethane	20	20.1	ug/L	101			82	110	
	1,2-Dibromoethane	20	20.6	ug/L	103			81	110	
	Tetrachloroethene	20	17.9	ug/L	90			67	123	
	Chlorobenzene	20	19.5	ug/L	98			82	109	
	Ethyl Benzene	20	18.6	ug/L	93			83	109	
	m/p-Xylenes	40	37.0	ug/L	93			82	110	
	o-Xylene	20	18.3	ug/L	92			83	109	
	Styrene	20	19.6	ug/L	98			80	111	
	Bromoform	20	20.0	ug/L	100			79	109	
	Isopropylbenzene	20	18.6	ug/L	93			83	112	
	1,1,2,2-Tetrachloroethane	20	20.1	ug/L	101			76	118	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			82	108	
	1,4-Dichlorobenzene	20	18.5	ug/L	93			82	107	
	1,2-Dichlorobenzene	20	19.4	ug/L	97			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.: Q3741 SW-846 Analytical Method: SW8260-Low
Client: Core Environmental Consultants and Datafile : VN088373.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1201WBS01	1,2-Dibromo-3-Chloropropane	20	18.2	ug/L	91			68	112	
	1,2,4-Trichlorobenzene	20	18.5	ug/L	93			75	113	
	1,2,3-Trichlorobenzene	20	18.3	ug/L	92			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:		Q3741	SW-846		Analytical Method:		SW8260-Low
Client:		Core Environmental Consultants and	Datafile :		VN088374.D		

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1201WBSD01	Dichlorodifluoromethane	20	18.9	ug/L	95	4		69	116	19
	Chloromethane	20	19.4	ug/L	97	0		65	116	21
	Vinyl chloride	20	18.7	ug/L	94	1		65	117	19
	Bromomethane	20	20.2	ug/L	101	2		58	125	30
	Chloroethane	20	19.3	ug/L	97	1		56	128	20
	Trichlorofluoromethane	20	18.7	ug/L	94	1		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93	0		80	112	20
	1,1-Dichloroethene	20	18.8	ug/L	94	1		74	110	20
	Acetone	100	87.0	ug/L	87	1		60	125	27
	Carbon disulfide	20	18.8	ug/L	94	3		64	112	17
	Methyl tert-butyl Ether	20	19.4	ug/L	97	3		78	114	20
	Methyl Acetate	20	19.0	ug/L	95	1		57	150	20
	Methylene Chloride	20	20.2	ug/L	101	1		72	114	20
	trans-1,2-Dichloroethene	20	19.6	ug/L	98	0		75	108	16
	1,1-Dichloroethane	20	19.1	ug/L	96	3		78	112	20
	Cyclohexane	20	18.5	ug/L	93	3		75	110	20
	2-Butanone	100	96.2	ug/L	96	0		65	122	26
	Carbon Tetrachloride	20	18.8	ug/L	94	2		77	113	15
	cis-1,2-Dichloroethene	20	19.4	ug/L	97	4		77	110	20
	Bromochloromethane	20	18.5	ug/L	93	4		70	124	20
	Chloroform	20	19.6	ug/L	98	4		79	113	20
	1,1,1-Trichloroethane	20	19.0	ug/L	95	1		80	108	20
	Methylcyclohexane	20	18.5	ug/L	93	8		72	115	20
	Benzene	20	19.1	ug/L	96	1		82	109	15
	1,2-Dichloroethane	20	19.4	ug/L	97	1		80	115	20
	Trichloroethene	20	19.1	ug/L	96	2		77	113	15
	1,2-Dichloropropane	20	19.2	ug/L	96	3		83	111	21
	Bromodichloromethane	20	19.3	ug/L	97	1		83	110	21
	4-Methyl-2-Pentanone	100	98.5	ug/L	99	1		74	118	25
	Toluene	20	19.8	ug/L	99	1		82	110	16
	t-1,3-Dichloropropene	20	19.1	ug/L	96	4		79	110	20
	cis-1,3-Dichloropropene	20	19.5	ug/L	98	3		82	110	16
	1,1,2-Trichloroethane	20	20.0	ug/L	100	1		83	112	20
	2-Hexanone	100	94.4	ug/L	94	0		73	117	25
	Dibromochloromethane	20	20.3	ug/L	102	1		82	110	20
	1,2-Dibromoethane	20	19.9	ug/L	100	3		81	110	20
	Tetrachloroethene	20	19.0	ug/L	95	5		67	123	15
	Chlorobenzene	20	19.8	ug/L	99	1		82	109	15
	Ethyl Benzene	20	18.9	ug/L	95	2		83	109	16
	m/p-Xylenes	40	37.8	ug/L	95	2		82	110	20
	o-Xylene	20	19.2	ug/L	96	4		83	109	20
	Styrene	20	19.4	ug/L	97	1		80	111	17
	Bromoform	20	20.1	ug/L	101	1		79	109	20
	Isopropylbenzene	20	19.3	ug/L	97	4		83	112	22
	1,1,2,2-Tetrachloroethane	20	19.5	ug/L	98	3		76	118	20
	1,3-Dichlorobenzene	20	19.5	ug/L	98	3		82	108	20
	1,4-Dichlorobenzene	20	19.0	ug/L	95	2		82	107	20
	1,2-Dichlorobenzene	20	19.0	ug/L	95	2		82	109	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3741 **Analytical Method:** SW8260-Low
Client: Core Environmental Consultants and **Datafile :** VN088374.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1201WBSD01	1,2-Dibromo-3-Chloropropane	20	18.5	ug/L	93	2		68	112	26
	1,2,4-Trichlorobenzene	20	18.0	ug/L	90	3		75	113	21
	1,2,3-Trichlorobenzene	20	19.1	ug/L	96	4		76	114	22

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3741	SW-846	Analytical Method:	SW8260D
Client:	Core Environmental Consultants and	Datafile :	VY023831.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1201SBS01	Dichlorodifluoromethane	20	22.3	ug/Kg	112			64	136	
	Chloromethane	20	18.5	ug/Kg	93			73	129	
	Vinyl chloride	20	19.8	ug/Kg	99			73	133	
	Bromomethane	20	19.4	ug/Kg	97			77	137	
	Chloroethane	20	20.4	ug/Kg	102			69	130	
	Trichlorofluoromethane	20	21.9	ug/Kg	110			69	134	
	1,1,2-Trichlorotrifluoroethane	20	23.0	ug/Kg	115			81	123	
	1,1-Dichloroethene	20	21.2	ug/Kg	106			79	121	
	Acetone	100	120	ug/Kg	120			60	174	
	Carbon disulfide	20	18.1	ug/Kg	91			73	125	
	Methyl tert-butyl Ether	20	20.6	ug/Kg	103			77	129	
	Methyl Acetate	20	18.4	ug/Kg	92			51	140	
	Methylene Chloride	20	18.8	ug/Kg	94			54	158	
	trans-1,2-Dichloroethene	20	21.1	ug/Kg	106			80	123	
	1,1-Dichloroethane	20	21.7	ug/Kg	109			82	123	
	Cyclohexane	20	21.0	ug/Kg	105			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	23.1	ug/Kg	116			76	129	
	cis-1,2-Dichloroethene	20	21.0	ug/Kg	105			82	123	
	Bromochloromethane	20	19.2	ug/Kg	96			80	127	
	Chloroform	20	22.0	ug/Kg	110			82	125	
	1,1,1-Trichloroethane	20	22.3	ug/Kg	112			80	126	
	Methylcyclohexane	20	22.0	ug/Kg	110			77	123	
	Benzene	20	22.0	ug/Kg	110			84	121	
	1,2-Dichloroethane	20	22.3	ug/Kg	112			81	126	
	Trichloroethene	20	22.6	ug/Kg	113			83	122	
	1,2-Dichloropropane	20	22.6	ug/Kg	113			83	122	
	Bromodichloromethane	20	22.2	ug/Kg	111			82	123	
	4-Methyl-2-Pentanone	100	110	ug/Kg	110			70	135	
	Toluene	20	22.5	ug/Kg	113			83	122	
	t-1,3-Dichloropropene	20	21.4	ug/Kg	107			78	124	
	cis-1,3-Dichloropropene	20	22.0	ug/Kg	110			81	122	
	1,1,2-Trichloroethane	20	22.0	ug/Kg	110			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	22.0	ug/Kg	110			79	125	
	1,2-Dibromoethane	20	21.2	ug/Kg	106			80	125	
	Tetrachloroethene	20	23.3	ug/Kg	117			83	125	
	Chlorobenzene	20	22.6	ug/Kg	113			84	122	
	Ethyl Benzene	20	22.9	ug/Kg	115			82	124	
	m/p-Xylenes	40	46.2	ug/Kg	116			83	124	
	o-Xylene	20	22.5	ug/Kg	113			83	123	
	Styrene	20	22.7	ug/Kg	114			82	124	
	Bromoform	20	21.9	ug/Kg	110			75	127	
	Isopropylbenzene	20	22.6	ug/Kg	113			82	124	
	1,1,2,2-Tetrachloroethane	20	20.9	ug/Kg	104			77	127	
	1,3-Dichlorobenzene	20	21.6	ug/Kg	108			83	122	
	1,4-Dichlorobenzene	20	21.6	ug/Kg	108			84	121	
	1,2-Dichlorobenzene	20	21.9	ug/Kg	110			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.: Q3741 SW-846 Analytical Method: SW8260D
Client: Core Environmental Consultants and Datafile : VY023831.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1201SBS01	1,2-Dibromo-3-Chloropropane	20	19.6	ug/Kg	98			66	134	
	1,2,4-Trichlorobenzene	20	20.8	ug/Kg	104			78	127	
	1,2,3-Trichlorobenzene	20	21.2	ug/Kg	106			70	137	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3741	SW-846	Analytical Method:	SW8260D
Client:	Core Environmental Consultants and	Datafile :	VY023832.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1201SBSD01	Dichlorodifluoromethane	20	22.3	ug/Kg	112	0		64	136	20
	Chloromethane	20	18.7	ug/Kg	94	1		73	129	15
	Vinyl chloride	20	19.8	ug/Kg	99	0		73	133	15
	Bromomethane	20	19.4	ug/Kg	97	0		77	137	15
	Chloroethane	20	20.2	ug/Kg	101	1		69	130	15
	Trichlorofluoromethane	20	21.9	ug/Kg	110	0		69	134	27
	1,1,2-Trichlorotrifluoroethane	20	23.1	ug/Kg	116	1		81	123	20
	1,1-Dichloroethene	20	21.4	ug/Kg	107	1		79	121	16
	Acetone	100	130	ug/Kg	130	8		60	174	28
	Carbon disulfide	20	18.0	ug/Kg	90	1		73	125	15
	Methyl tert-butyl Ether	20	21.8	ug/Kg	109	6		77	129	20
	Methyl Acetate	20	20.3	ug/Kg	102	10		51	140	30
	Methylene Chloride	20	19.2	ug/Kg	96	2		54	158	20
	trans-1,2-Dichloroethene	20	21.3	ug/Kg	106	0		80	123	15
	1,1-Dichloroethane	20	22.0	ug/Kg	110	1		82	123	15
	Cyclohexane	20	21.3	ug/Kg	106	1		76	122	15
	2-Butanone	100	120	ug/Kg	120	9		69	131	29
	Carbon Tetrachloride	20	22.3	ug/Kg	112	4		76	129	15
	cis-1,2-Dichloroethene	20	21.5	ug/Kg	108	3		82	123	15
	Bromochloromethane	20	19.5	ug/Kg	98	2		80	127	15
	Chloroform	20	22.1	ug/Kg	111	1		82	125	15
	1,1,1-Trichloroethane	20	22.5	ug/Kg	113	1		80	126	15
	Methylcyclohexane	20	21.8	ug/Kg	109	1		77	123	15
	Benzene	20	21.8	ug/Kg	109	1		84	121	15
	1,2-Dichloroethane	20	22.5	ug/Kg	113	1		81	126	15
	Trichloroethene	20	22.3	ug/Kg	112	1		83	122	15
	1,2-Dichloropropane	20	22.7	ug/Kg	114	1		83	122	15
	Bromodichloromethane	20	22.4	ug/Kg	112	1		82	123	15
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	0		70	135	26
	Toluene	20	22.4	ug/Kg	112	1		83	122	15
	t-1,3-Dichloropropene	20	21.8	ug/Kg	109	2		78	124	15
	cis-1,3-Dichloropropene	20	21.8	ug/Kg	109	1		81	122	15
	1,1,2-Trichloroethane	20	23.0	ug/Kg	115	4		82	125	15
	2-Hexanone	100	120	ug/Kg	120	9		66	138	27
	Dibromochloromethane	20	22.4	ug/Kg	112	2		79	125	15
	1,2-Dibromoethane	20	22.1	ug/Kg	111	5		80	125	16
	Tetrachloroethene	20	23.1	ug/Kg	116	1		83	125	15
	Chlorobenzene	20	22.2	ug/Kg	111	2		84	122	15
	Ethyl Benzene	20	22.6	ug/Kg	113	2		82	124	15
	m/p-Xylenes	40	45.5	ug/Kg	114	2		83	124	15
	o-Xylene	20	22.3	ug/Kg	112	1		83	123	15
	Styrene	20	22.7	ug/Kg	114	0		82	124	15
	Bromoform	20	22.2	ug/Kg	111	1		75	127	16
	Isopropylbenzene	20	22.7	ug/Kg	114	1		82	124	15
	1,1,2,2-Tetrachloroethane	20	22.6	ug/Kg	113	8		77	127	21
	1,3-Dichlorobenzene	20	22.3	ug/Kg	112	4		83	122	15
	1,4-Dichlorobenzene	20	21.9	ug/Kg	110	2		84	121	15
	1,2-Dichlorobenzene	20	22.5	ug/Kg	113	3		83	124	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3741 **Analytical Method:** SW8260D
Client: Core Environmental Consultants and **Datafile :** VY023832.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1201SBSD01	1,2-Dibromo-3-Chloropropane	20	21.8	ug/Kg	109	11		66	134	20
	1,2,4-Trichlorobenzene	20	21.7	ug/Kg	109	5		78	127	20
	1,2,3-Trichlorobenzene	20	22.2	ug/Kg	111	5		70	137	16

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3741	SW-846	Analytical Method:	SW8260D
Client:	Core Environmental Consultants and	Datafile :	VY023851.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1202SBS01	Dichlorodifluoromethane	20	21.7	ug/Kg	109			64	136	
	Chloromethane	20	18.4	ug/Kg	92			73	129	
	Vinyl chloride	20	19.2	ug/Kg	96			73	133	
	Bromomethane	20	20.3	ug/Kg	102			77	137	
	Chloroethane	20	20.1	ug/Kg	101			69	130	
	Trichlorofluoromethane	20	21.3	ug/Kg	106			69	134	
	1,1,2-Trichlorotrifluoroethane	20	22.8	ug/Kg	114			81	123	
	1,1-Dichloroethene	20	20.5	ug/Kg	103			79	121	
	Acetone	100	130	ug/Kg	130			60	174	
	Carbon disulfide	20	17.4	ug/Kg	87			73	125	
	Methyl tert-butyl Ether	20	20.8	ug/Kg	104			77	129	
	Methyl Acetate	20	19.4	ug/Kg	97			51	140	
	Methylene Chloride	20	19.4	ug/Kg	97			54	158	
	trans-1,2-Dichloroethene	20	19.9	ug/Kg	100			80	123	
	1,1-Dichloroethane	20	21.2	ug/Kg	106			82	123	
	Cyclohexane	20	20.3	ug/Kg	102			76	122	
	2-Butanone	100	120	ug/Kg	120			69	131	
	Carbon Tetrachloride	20	21.8	ug/Kg	109			76	129	
	cis-1,2-Dichloroethene	20	20.8	ug/Kg	104			82	123	
	Bromochloromethane	20	18.9	ug/Kg	95			80	127	
	Chloroform	20	21.5	ug/Kg	108			82	125	
	1,1,1-Trichloroethane	20	21.5	ug/Kg	108			80	126	
	Methylcyclohexane	20	20.5	ug/Kg	103			77	123	
	Benzene	20	21.6	ug/Kg	108			84	121	
	1,2-Dichloroethane	20	21.8	ug/Kg	109			81	126	
	Trichloroethene	20	21.6	ug/Kg	108			83	122	
	1,2-Dichloropropane	20	21.9	ug/Kg	110			83	122	
	Bromodichloromethane	20	21.9	ug/Kg	110			82	123	
	4-Methyl-2-Pentanone	100	110	ug/Kg	110			70	135	
	Toluene	20	21.6	ug/Kg	108			83	122	
	t-1,3-Dichloropropene	20	20.9	ug/Kg	104			78	124	
	cis-1,3-Dichloropropene	20	21.4	ug/Kg	107			81	122	
	1,1,2-Trichloroethane	20	22.1	ug/Kg	111			82	125	
	2-Hexanone	100	120	ug/Kg	120			66	138	
	Dibromochloromethane	20	21.8	ug/Kg	109			79	125	
	1,2-Dibromoethane	20	21.3	ug/Kg	106			80	125	
	Tetrachloroethene	20	22.1	ug/Kg	111			83	125	
	Chlorobenzene	20	21.3	ug/Kg	106			84	122	
	Ethyl Benzene	20	21.4	ug/Kg	107			82	124	
	m/p-Xylenes	40	43.4	ug/Kg	109			83	124	
	o-Xylene	20	21.2	ug/Kg	106			83	123	
	Styrene	20	21.4	ug/Kg	107			82	124	
	Bromoform	20	21.6	ug/Kg	108			75	127	
	Isopropylbenzene	20	21.4	ug/Kg	107			82	124	
	1,1,2,2-Tetrachloroethane	20	21.5	ug/Kg	108			77	127	
	1,3-Dichlorobenzene	20	21.0	ug/Kg	105			83	122	
	1,4-Dichlorobenzene	20	21.1	ug/Kg	106			84	121	
	1,2-Dichlorobenzene	20	21.5	ug/Kg	108			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3741 **Analytical Method:** SW8260D
Client: Core Environmental Consultants and **Datafile :** VY023851.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VY1202SBS01	1,2-Dibromo-3-Chloropropane	20	20.0	ug/Kg	100			66	134	
	1,2,4-Trichlorobenzene	20	19.9	ug/Kg	100			78	127	
	1,2,3-Trichlorobenzene	20	20.1	ug/Kg	101			70	137	

VOLATILE METHOD BLANK SUMMARY

Client ID

VN1201WBL01

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: VN088372.D

Lab Sample ID: VN1201WBL01

Date Analyzed: 12/01/2025

Time Analyzed: 10:53

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN1201WBS01	VN1201WBS01	VN088373.D	12/01/2025
VN1201WBSD01	VN1201WBSD01	VN088374.D	12/01/2025
TB-1	Q3741-07	VN088376.D	12/01/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VY1201SBL01

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: VY023830.D

Lab Sample ID: VY1201SBL01

Date Analyzed: 12/01/2025

Time Analyzed: 09:13

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1201SBS01	VY1201SBS01	VY023831.D	12/01/2025
VY1201SBSD01	VY1201SBSD01	VY023832.D	12/01/2025
B50-SP13-112025	Q3741-02	VY023837.D	12/01/2025
B50-SP14-112025	Q3741-03	VY023838.D	12/01/2025
B50-SP9-112425	Q3741-04	VY023839.D	12/01/2025
B50-SP11-112525	Q3741-05	VY023840.D	12/01/2025
B50-SP3-111925	Q3741-01	VY023841.D	12/01/2025
B50-SP4-112525	Q3741-06	VY023842.D	12/01/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VY1202SBL01

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: VY023850.D

Lab Sample ID: VY1202SBL01

Date Analyzed: 12/02/2025

Time Analyzed: 10:24

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1202SBS01	VY1202SBS01	VY023851.D	12/02/2025
B50-SP9-112425RE	Q3741-04RE	VY023855.D	12/02/2025
B50-SP11-112525RE	Q3741-05RE	VY023856.D	12/02/2025
B50-SP4-112525RE	Q3741-06RE	VY023857.D	12/02/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: VN088343.D

BFB Injection Date: 11/24/2025

Instrument ID: MSVOA_N

BFB Injection Time: 08:17

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.6
75	30.0 - 60.0% of mass 95	56.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	70.8
175	5.0 - 9.0% of mass 174	6 (8.4) 1
176	95.0 - 101.0% of mass 174	68.3 (96.4) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VN088344.D	11/24/2025	12:38
VSTDIC005	VSTDIC005	VN088345.D	11/24/2025	13:11
VSTDIC020	VSTDIC020	VN088346.D	11/24/2025	13:32
VSTDIC050	VSTDIC050	VN088347.D	11/24/2025	13:53
VSTDIC100	VSTDIC100	VN088348.D	11/24/2025	14:14
VSTDIC150	VSTDIC150	VN088349.D	11/24/2025	14:35

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: VN088369.D

BFB Injection Date: 12/01/2025

Instrument ID: MSVOA_N

BFB Injection Time: 08:49

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.9
75	30.0 - 60.0% of mass 95	59.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	71
175	5.0 - 9.0% of mass 174	5.7 (8) 1
176	95.0 - 101.0% of mass 174	68.9 (97.1) 1
177	5.0 - 9.0% of mass 176	5.2 (7.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN088370.D	12/01/2025	09:58
VN1201WBL01	VN1201WBL01	VN088372.D	12/01/2025	10:53
VN1201WBS01	VN1201WBS01	VN088373.D	12/01/2025	11:27
VN1201WBSD01	VN1201WBSD01	VN088374.D	12/01/2025	12:10
TB-1	Q3741-07	VN088376.D	12/01/2025	12:51

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: VY023808.D

BFB Injection Date: 11/26/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 07:11

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.5
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	87.3
175	5.0 - 9.0% of mass 174	6.4 (7.4) 1
176	95.0 - 101.0% of mass 174	83.8 (96) 1
177	5.0 - 9.0% of mass 176	5.6 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VY023809.D	11/26/2025	08:04
VSTDIC010	VSTDIC010	VY023810.D	11/26/2025	08:27
VSTDIC020	VSTDIC020	VY023811.D	11/26/2025	08:49
VSTDIC050	VSTDIC050	VY023812.D	11/26/2025	09:17
VSTDIC100	VSTDIC100	VY023813.D	11/26/2025	09:39
VSTDIC150	VSTDIC150	VY023814.D	11/26/2025	10:02

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: VY023828.D

BFB Injection Date: 12/01/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 07:24

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.9
75	30.0 - 60.0% of mass 95	50.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	82.5
175	5.0 - 9.0% of mass 174	5.8 (7) 1
176	95.0 - 101.0% of mass 174	79.4 (96.3) 1
177	5.0 - 9.0% of mass 176	5.2 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023829.D	12/01/2025	07:55
VY1201SBL01	VY1201SBL01	VY023830.D	12/01/2025	09:13
VY1201SBS01	VY1201SBS01	VY023831.D	12/01/2025	09:37
VY1201SBSD01	VY1201SBSD01	VY023832.D	12/01/2025	10:00
B50-SP13-112025	Q3741-02	VY023837.D	12/01/2025	12:49
B50-SP14-112025	Q3741-03	VY023838.D	12/01/2025	13:12
B50-SP9-112425	Q3741-04	VY023839.D	12/01/2025	13:36
B50-SP11-112525	Q3741-05	VY023840.D	12/01/2025	13:59
B50-SP3-111925	Q3741-01	VY023841.D	12/01/2025	14:23
B50-SP4-112525	Q3741-06	VY023842.D	12/01/2025	14:46

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VY023848.D
Instrument ID: MSVOA_Y
GC Column: RXI-624 ID: 0.25 (mm)

Contract: CORE02
SDG NO.: Q3741
BFB Injection Date: 12/02/2025
BFB Injection Time: 06:50
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.7
75	30.0 - 60.0% of mass 95	50.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	1 (1.1) 1
174	50.0 - 100.0% of mass 95	89.4
175	5.0 - 9.0% of mass 174	6.9 (7.7) 1
176	95.0 - 101.0% of mass 174	85.2 (95.2) 1
177	5.0 - 9.0% of mass 176	5.7 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023849.D	12/02/2025	09:14
VY1202SBL01	VY1202SBL01	VY023850.D	12/02/2025	10:24
VY1202SBS01	VY1202SBS01	VY023851.D	12/02/2025	10:53
B50-SP9-112425RE	Q3741-04RE	VY023855.D	12/02/2025	12:55
B50-SP11-112525RE	Q3741-05RE	VY023856.D	12/02/2025	13:18
B50-SP4-112525RE	Q3741-06RE	VY023857.D	12/02/2025	13:42

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02
Lab Code: ACE SDG NO.: Q3741
Lab File ID: VN088370.D Date Analyzed: 12/01/2025
Instrument ID: MSVOA_N Time Analyzed: 09:58
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	262500	8.20	457607	9.08	408098	11.84
UPPER LIMIT	525000	8.7	915214	9.582	816196	12.341
LOWER LIMIT	131250	7.7	228804	8.582	204049	11.341
EPA SAMPLE NO.						
TB-1	190816	8.21	417130	9.08	399475	11.84
VN1201WBL01	188076	8.20	435319	9.08	418422	11.84
VN1201WBS01	256678	8.21	487472	9.08	435019	11.84
VN1201WBSD01	257123	8.21	472668	9.08	413438	11.84

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02
 Lab Code: ACE SDG NO.: Q3741
 Lab File ID: VN088370.D Date Analyzed: 12/01/2025
 Instrument ID: MSVOA_N Time Analyzed: 09:58
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	197460	13.765				
UPPER LIMIT	394920	14.265				
LOWER LIMIT	98730	13.265				
EPA SAMPLE NO.						
TB-1	192688	13.77				
VN1201WBL01	198799	13.77				
VN1201WBS01	207303	13.77				
VN1201WBSD01	196888	13.77				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02
Lab Code: ACE SDG NO.: Q3741
Lab File ID: VY023829.D Date Analyzed: 12/01/2025
Instrument ID: MSVOA_Y Time Analyzed: 07:55
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	565841	7.71	855261	8.62	736930	11.42
UPPER LIMIT	1131680	8.213	1710520	9.122	1473860	11.92
LOWER LIMIT	282921	7.213	427631	8.122	368465	10.92
EPA SAMPLE NO.						
B50-SP3-111925	649881	7.71	1225707	8.62	1028801	11.42
B50-SP13-112025	654972	7.71	1210700	8.62	990068	11.42
B50-SP14-112025	548000	7.71	1005981	8.62	813032	11.42
B50-SP9-112425	491424	7.71	929861	8.62	778289	11.42
B50-SP11-112525	153282 *	7.71	237639 *	8.62	180054 *	11.42
B50-SP4-112525	27791 *	7.71	36476 *	8.62	25342 *	11.42
VY1201SBL01	719047	7.71	1221329	8.62	995220	11.42
VY1201SBS01	535284	7.71	821167	8.62	693280	11.42
VY1201SBSD01	526036	7.71	818117	8.62	695554	11.42

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02
 Lab Code: ACE SDG NO.: Q3741
 Lab File ID: VY023829.D Date Analyzed: 12/01/2025
 Instrument ID: MSVOA_Y Time Analyzed: 07:55
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	375940	13.352				
UPPER LIMIT	751880	13.852				
LOWER LIMIT	187970	12.852				
EPA SAMPLE NO.						
B50-SP3-111925	402778	13.35				
B50-SP13-112025	344338	13.35				
B50-SP14-112025	286147	13.35				
B50-SP9-112425	274066	13.35				
B50-SP11-112525	60548 *	13.35				
B50-SP4-112525	6298 *	13.35				
VY1201SBL01	399677	13.35				
VY1201SBS01	360194	13.35				
VY1201SBSD01	353062	13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02
Lab Code: ACE SDG NO.: Q3741
Lab File ID: VY023849.D Date Analyzed: 12/02/2025
Instrument ID: MSVOA_Y Time Analyzed: 09:14
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	504446	7.72	785836	8.62	674684	11.42
UPPER LIMIT	1008890	8.22	1571670	9.122	1349370	11.92
LOWER LIMIT	252223	7.22	392918	8.122	337342	10.92
EPA SAMPLE NO.						
B50-SP9-112425RE	25955 *	7.72	35095 *	8.62	25851 *	11.42
B50-SP11-112525RE	438040	7.71	779211	8.62	643605	11.42
B50-SP4-112525RE	84156 *	7.72	112665 *	8.62	83728 *	11.42
VY1202SBL01	690111	7.71	1278486	8.62	1125521	11.42
VY1202SBS01	491473	7.71	764018	8.62	662350	11.42

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3741</u>
Lab File ID:	<u>VY023849.D</u>	Date Analyzed:	<u>12/02/2025</u>
Instrument ID:	<u>MSVOA_Y</u>	Time Analyzed:	<u>09:14</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>Y</u>

	IS4 AREA #	RT #				
12 HOUR STD	345634	13.353				
UPPER LIMIT	691268	13.853				
LOWER LIMIT	172817	12.853				
EPA SAMPLE NO.						
B50-SP9-112425RE	4746 *	13.35				
B50-SP11-112525RE	232370	13.35				
B50-SP4-112525RE	24679 *	13.35				
VY1202SBL01	454228	13.35				
VY1202SBS01	339534	13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VN1201WBL01
Lab Sample ID: VN1201WBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/01/25 10:53	VN120125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/01/25 10:53	VN120125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/01/25 10:53	VN120125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/01/25 10:53	VN120125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/01/25 10:53	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/01/25 10:53	VN120125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	12/01/25 10:53	VN120125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/01/25 10:53	VN120125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/01/25 10:53	VN120125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/01/25 10:53	VN120125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	12/01/25 10:53	VN120125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/01/25 10:53	VN120125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/01/25 10:53	VN120125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/01/25 10:53	VN120125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/01/25 10:53	VN120125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/01/25 10:53	VN120125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/01/25 10:53	VN120125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/01/25 10:53	VN120125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	12/01/25 10:53	VN120125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/01/25 10:53	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/01/25 10:53	VN120125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/01/25 10:53	VN120125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/01/25 10:53	VN120125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/01/25 10:53	VN120125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 10:53	VN120125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	12/01/25 10:53	VN120125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	12/01/25 10:53	VN120125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	12/01/25 10:53	VN120125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/01/25 10:53	VN120125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	12/01/25 10:53	VN120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VN1201WBL01
Lab Sample ID: VN1201WBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 10:53	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/01/25 10:53	VN120125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/01/25 10:53	VN120125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/01/25 10:53	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	57.8			74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2			75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	50.0			86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4			77 - 121	105%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	188000
540-36-3	1,4-Difluorobenzene	435000
3114-55-4	Chlorobenzene-d5	418000
3855-82-1	1,4-Dichlorobenzene-d4	199000

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1201SBL01
Lab Sample ID: VY1201SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
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	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	12/01/25 09:13	VY120125
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	12/01/25 09:13	VY120125
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	12/01/25 09:13	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	12/01/25 09:13	VY120125
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	12/01/25 09:13	VY120125
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	12/01/25 09:13	VY120125
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	12/01/25 09:13	VY120125
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	12/01/25 09:13	VY120125
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	12/01/25 09:13	VY120125
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	12/01/25 09:13	VY120125
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	12/01/25 09:13	VY120125
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	12/01/25 09:13	VY120125
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	12/01/25 09:13	VY120125
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	12/01/25 09:13	VY120125
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	12/01/25 09:13	VY120125
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	12/01/25 09:13	VY120125
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	12/01/25 09:13	VY120125
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	12/01/25 09:13	VY120125
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	12/01/25 09:13	VY120125
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	12/01/25 09:13	VY120125
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	12/01/25 09:13	VY120125
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	12/01/25 09:13	VY120125
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	12/01/25 09:13	VY120125
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	12/01/25 09:13	VY120125
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	12/01/25 09:13	VY120125
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	12/01/25 09:13	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	12/01/25 09:13	VY120125
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	12/01/25 09:13	VY120125
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	12/01/25 09:13	VY120125
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	12/01/25 09:13	VY120125
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	12/01/25 09:13	VY120125
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	12/01/25 09:13	VY120125
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	12/01/25 09:13	VY120125
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	12/01/25 09:13	VY120125
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	12/01/25 09:13	VY120125
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	12/01/25 09:13	VY120125
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	12/01/25 09:13	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1201SBL01
Lab Sample ID: VY1201SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	12/01/25 09:13	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	12/01/25 09:13	VY120125
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	12/01/25 09:13	VY120125
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	12/01/25 09:13	VY120125
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	12/01/25 09:13	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	12/01/25 09:13	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	12/01/25 09:13	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	12/01/25 09:13	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	58.3			63 - 155	117%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0			70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	49.5			74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.2			52 - 138	84%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	719000
540-36-3	1,4-Difluorobenzene	1220000
3114-55-4	Chlorobenzene-d5	995000
3855-82-1	1,4-Dichlorobenzene-d4	400000

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1202SBL01
Lab Sample ID: VY1202SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
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	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	12/02/25 10:24	VY120225
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	12/02/25 10:24	VY120225
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	12/02/25 10:24	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	12/02/25 10:24	VY120225
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	12/02/25 10:24	VY120225
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	12/02/25 10:24	VY120225
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	12/02/25 10:24	VY120225
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	12/02/25 10:24	VY120225
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	12/02/25 10:24	VY120225
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	12/02/25 10:24	VY120225
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	12/02/25 10:24	VY120225
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	12/02/25 10:24	VY120225
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	12/02/25 10:24	VY120225
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	12/02/25 10:24	VY120225
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	12/02/25 10:24	VY120225
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	12/02/25 10:24	VY120225
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	12/02/25 10:24	VY120225
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	12/02/25 10:24	VY120225
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	12/02/25 10:24	VY120225
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	12/02/25 10:24	VY120225
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	12/02/25 10:24	VY120225
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	12/02/25 10:24	VY120225
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	12/02/25 10:24	VY120225
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	12/02/25 10:24	VY120225
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	12/02/25 10:24	VY120225
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	12/02/25 10:24	VY120225
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	12/02/25 10:24	VY120225
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	12/02/25 10:24	VY120225
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	12/02/25 10:24	VY120225
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	12/02/25 10:24	VY120225
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	12/02/25 10:24	VY120225
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	12/02/25 10:24	VY120225
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	12/02/25 10:24	VY120225
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	12/02/25 10:24	VY120225
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	12/02/25 10:24	VY120225
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	12/02/25 10:24	VY120225
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	12/02/25 10:24	VY120225

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1202SBL01
Lab Sample ID: VY1202SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	12/02/25 10:24	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	12/02/25 10:24	VY120225
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	12/02/25 10:24	VY120225
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	12/02/25 10:24	VY120225
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	12/02/25 10:24	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	12/02/25 10:24	VY120225
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	12/02/25 10:24	VY120225
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	12/02/25 10:24	VY120225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	62.7			63 - 155	125%	SPK: 50
1868-53-7	Dibromofluoromethane	54.2			70 - 134	108%	SPK: 50
2037-26-5	Toluene-d8	50.7			74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.9			52 - 138	92%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	690000
540-36-3	1,4-Difluorobenzene	1280000
3114-55-4	Chlorobenzene-d5	1130000
3855-82-1	1,4-Dichlorobenzene-d4	454000

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VN1201WBS01
Lab Sample ID: VN1201WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	18.2		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
74-87-3	Chloromethane	19.4		1	0.32	1.00	ug/L	12/01/25 11:27	VN120125
75-01-4	Vinyl Chloride	18.9		1	0.26	1.00	ug/L	12/01/25 11:27	VN120125
74-83-9	Bromomethane	19.7		1	1.40	5.00	ug/L	12/01/25 11:27	VN120125
75-00-3	Chloroethane	19.5		1	0.47	1.00	ug/L	12/01/25 11:27	VN120125
75-69-4	Trichlorofluoromethane	18.6		1	0.33	1.00	ug/L	12/01/25 11:27	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	18.6		1	0.25	1.00	ug/L	12/01/25 11:27	VN120125
75-35-4	1,1-Dichloroethene	19.0		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
67-64-1	Acetone	87.9		1	1.50	5.00	ug/L	12/01/25 11:27	VN120125
75-15-0	Carbon Disulfide	19.4		1	0.21	1.00	ug/L	12/01/25 11:27	VN120125
1634-04-4	Methyl tert-butyl Ether	19.9		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
79-20-9	Methyl Acetate	19.1		1	0.27	1.00	ug/L	12/01/25 11:27	VN120125
75-09-2	Methylene Chloride	20.0		1	0.28	1.00	ug/L	12/01/25 11:27	VN120125
156-60-5	trans-1,2-Dichloroethene	19.6		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
75-34-3	1,1-Dichloroethane	19.8		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
110-82-7	Cyclohexane	17.9		1	1.50	5.00	ug/L	12/01/25 11:27	VN120125
78-93-3	2-Butanone	96.0		1	0.98	5.00	ug/L	12/01/25 11:27	VN120125
56-23-5	Carbon Tetrachloride	18.3		1	0.25	1.00	ug/L	12/01/25 11:27	VN120125
156-59-2	cis-1,2-Dichloroethene	20.1		1	0.19	1.00	ug/L	12/01/25 11:27	VN120125
74-97-5	Bromochloromethane	19.3		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
67-66-3	Chloroform	20.3		1	0.25	1.00	ug/L	12/01/25 11:27	VN120125
71-55-6	1,1,1-Trichloroethane	18.8		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125
108-87-2	Methylcyclohexane	17.1		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
71-43-2	Benzene	19.4		1	0.15	1.00	ug/L	12/01/25 11:27	VN120125
107-06-2	1,2-Dichloroethane	19.6		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
79-01-6	Trichloroethene	18.8		1	0.090	1.00	ug/L	12/01/25 11:27	VN120125
78-87-5	1,2-Dichloropropane	19.8		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125
75-27-4	Bromodichloromethane	19.5		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
108-10-1	4-Methyl-2-Pentanone	98.3		1	0.68	5.00	ug/L	12/01/25 11:27	VN120125
108-88-3	Toluene	19.5		1	0.14	1.00	ug/L	12/01/25 11:27	VN120125
10061-02-6	t-1,3-Dichloropropene	19.9		1	0.17	1.00	ug/L	12/01/25 11:27	VN120125
10061-01-5	cis-1,3-Dichloropropene	20.1		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
79-00-5	1,1,2-Trichloroethane	20.2		1	0.21	1.00	ug/L	12/01/25 11:27	VN120125
591-78-6	2-Hexanone	93.5		1	0.89	5.00	ug/L	12/01/25 11:27	VN120125
124-48-1	Dibromochloromethane	20.1		1	0.18	1.00	ug/L	12/01/25 11:27	VN120125
106-93-4	1,2-Dibromoethane	20.6		1	0.15	1.00	ug/L	12/01/25 11:27	VN120125
127-18-4	Tetrachloroethene	17.9		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
108-90-7	Chlorobenzene	19.5		1	0.12	1.00	ug/L	12/01/25 11:27	VN120125
100-41-4	Ethyl Benzene	18.6		1	0.13	1.00	ug/L	12/01/25 11:27	VN120125
179601-23-1	m/p-Xylenes	37.0		1	0.24	2.00	ug/L	12/01/25 11:27	VN120125
95-47-6	o-Xylene	18.3		1	0.12	1.00	ug/L	12/01/25 11:27	VN120125
100-42-5	Styrene	19.6		1	0.15	1.00	ug/L	12/01/25 11:27	VN120125
75-25-2	Bromoform	20.0		1	0.19	1.00	ug/L	12/01/25 11:27	VN120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VN1201WBS01
Lab Sample ID: VN1201WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	18.6		1	0.12	1.00	ug/L	12/01/25 11:27	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1	0.26	1.00	ug/L	12/01/25 11:27	VN120125
541-73-1	1,3-Dichlorobenzene	19.0		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
106-46-7	1,4-Dichlorobenzene	18.5		1	0.19	1.00	ug/L	12/01/25 11:27	VN120125
95-50-1	1,2-Dichlorobenzene	19.4		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	18.2		1	0.53	1.00	ug/L	12/01/25 11:27	VN120125
120-82-1	1,2,4-Trichlorobenzene	18.5		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125
87-61-6	1,2,3-Trichlorobenzene	18.3		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	56.0			74 - 125	112%	SPK: 50
1868-53-7	Dibromofluoromethane	55.1			75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	54.9			86 - 113	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.3			77 - 121	107%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	257000
540-36-3	1,4-Difluorobenzene	487000
3114-55-4	Chlorobenzene-d5	435000
3855-82-1	1,4-Dichlorobenzene-d4	207000

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1201SBS01
Lab Sample ID: VY1201SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
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	22.3		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
74-87-3	Chloromethane	18.5		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
75-01-4	Vinyl Chloride	19.8		1	0.79	5.00	ug/Kg	12/01/25 09:37	VY120125
74-83-9	Bromomethane	19.4		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
75-00-3	Chloroethane	20.4		1	1.30	5.00	ug/Kg	12/01/25 09:37	VY120125
75-69-4	Trichlorofluoromethane	21.9		1	1.20	5.00	ug/Kg	12/01/25 09:37	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	23.0		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
75-35-4	1,1-Dichloroethene	21.2		1	1.00	5.00	ug/Kg	12/01/25 09:37	VY120125
67-64-1	Acetone	120		1	4.70	25.0	ug/Kg	12/01/25 09:37	VY120125
75-15-0	Carbon Disulfide	18.1		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
1634-04-4	Methyl tert-butyl Ether	20.6		1	0.73	5.00	ug/Kg	12/01/25 09:37	VY120125
79-20-9	Methyl Acetate	18.4		1	1.50	5.00	ug/Kg	12/01/25 09:37	VY120125
75-09-2	Methylene Chloride	18.8		1	3.50	10.0	ug/Kg	12/01/25 09:37	VY120125
156-60-5	trans-1,2-Dichloroethene	21.1		1	0.86	5.00	ug/Kg	12/01/25 09:37	VY120125
75-34-3	1,1-Dichloroethane	21.7		1	0.80	5.00	ug/Kg	12/01/25 09:37	VY120125
110-82-7	Cyclohexane	21.0		1	0.79	5.00	ug/Kg	12/01/25 09:37	VY120125
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	12/01/25 09:37	VY120125
56-23-5	Carbon Tetrachloride	23.1		1	0.97	5.00	ug/Kg	12/01/25 09:37	VY120125
156-59-2	cis-1,2-Dichloroethene	21.0		1	0.75	5.00	ug/Kg	12/01/25 09:37	VY120125
74-97-5	Bromochloromethane	19.2		1	1.20	5.00	ug/Kg	12/01/25 09:37	VY120125
67-66-3	Chloroform	22.0		1	0.84	5.00	ug/Kg	12/01/25 09:37	VY120125
71-55-6	1,1,1-Trichloroethane	22.3		1	0.93	5.00	ug/Kg	12/01/25 09:37	VY120125
108-87-2	Methylcyclohexane	22.0		1	0.91	5.00	ug/Kg	12/01/25 09:37	VY120125
71-43-2	Benzene	22.0		1	0.79	5.00	ug/Kg	12/01/25 09:37	VY120125
107-06-2	1,2-Dichloroethane	22.3		1	0.79	5.00	ug/Kg	12/01/25 09:37	VY120125
79-01-6	Trichloroethene	22.6		1	0.81	5.00	ug/Kg	12/01/25 09:37	VY120125
78-87-5	1,2-Dichloropropane	22.6		1	0.91	5.00	ug/Kg	12/01/25 09:37	VY120125
75-27-4	Bromodichloromethane	22.2		1	0.78	5.00	ug/Kg	12/01/25 09:37	VY120125
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	12/01/25 09:37	VY120125
108-88-3	Toluene	22.5		1	0.78	5.00	ug/Kg	12/01/25 09:37	VY120125
10061-02-6	t-1,3-Dichloropropene	21.4		1	0.65	5.00	ug/Kg	12/01/25 09:37	VY120125
10061-01-5	cis-1,3-Dichloropropene	22.0		1	0.62	5.00	ug/Kg	12/01/25 09:37	VY120125
79-00-5	1,1,2-Trichloroethane	22.0		1	0.92	5.00	ug/Kg	12/01/25 09:37	VY120125
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	12/01/25 09:37	VY120125
124-48-1	Dibromochloromethane	22.0		1	0.87	5.00	ug/Kg	12/01/25 09:37	VY120125
106-93-4	1,2-Dibromoethane	21.2		1	0.88	5.00	ug/Kg	12/01/25 09:37	VY120125
127-18-4	Tetrachloroethene	23.3		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
108-90-7	Chlorobenzene	22.6		1	0.91	5.00	ug/Kg	12/01/25 09:37	VY120125
100-41-4	Ethyl Benzene	22.9		1	0.67	5.00	ug/Kg	12/01/25 09:37	VY120125
179601-23-1	m/p-Xylenes	46.2		1	1.20	10.0	ug/Kg	12/01/25 09:37	VY120125
95-47-6	o-Xylene	22.5		1	0.82	5.00	ug/Kg	12/01/25 09:37	VY120125
100-42-5	Styrene	22.7		1	0.71	5.00	ug/Kg	12/01/25 09:37	VY120125
75-25-2	Bromoform	21.9		1	0.86	5.00	ug/Kg	12/01/25 09:37	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1201SBS01
Lab Sample ID: VY1201SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	22.6		1	0.78	5.00	ug/Kg	12/01/25 09:37	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1	1.20	5.00	ug/Kg	12/01/25 09:37	VY120125
541-73-1	1,3-Dichlorobenzene	21.6		1	1.70	5.00	ug/Kg	12/01/25 09:37	VY120125
106-46-7	1,4-Dichlorobenzene	21.6		1	1.60	5.00	ug/Kg	12/01/25 09:37	VY120125
95-50-1	1,2-Dichlorobenzene	21.9		1	1.50	5.00	ug/Kg	12/01/25 09:37	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		1	1.80	5.00	ug/Kg	12/01/25 09:37	VY120125
120-82-1	1,2,4-Trichlorobenzene	20.8		1	3.00	5.00	ug/Kg	12/01/25 09:37	VY120125
87-61-6	1,2,3-Trichlorobenzene	21.2		1	3.20	5.00	ug/Kg	12/01/25 09:37	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	47.7			63 - 155	95%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5			70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	50.2			74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.2			52 - 138	98%	SPK: 50

INTERNAL STANDARDS

Area Count

363-72-4	Pentafluorobenzene	535000
540-36-3	1,4-Difluorobenzene	821000
3114-55-4	Chlorobenzene-d5	693000
3855-82-1	1,4-Dichlorobenzene-d4	360000

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1202SBS01
Lab Sample ID: VY1202SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
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	21.7		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
74-87-3	Chloromethane	18.4		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
75-01-4	Vinyl Chloride	19.2		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
74-83-9	Bromomethane	20.3		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
75-00-3	Chloroethane	20.1		1	1.30	5.00	ug/Kg	12/02/25 10:53	VY120225
75-69-4	Trichlorofluoromethane	21.3		1	1.20	5.00	ug/Kg	12/02/25 10:53	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	22.8		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
75-35-4	1,1-Dichloroethene	20.5		1	1.00	5.00	ug/Kg	12/02/25 10:53	VY120225
67-64-1	Acetone	130		1	4.70	25.0	ug/Kg	12/02/25 10:53	VY120225
75-15-0	Carbon Disulfide	17.4		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
1634-04-4	Methyl tert-butyl Ether	20.8		1	0.73	5.00	ug/Kg	12/02/25 10:53	VY120225
79-20-9	Methyl Acetate	19.4		1	1.50	5.00	ug/Kg	12/02/25 10:53	VY120225
75-09-2	Methylene Chloride	19.4		1	3.50	10.0	ug/Kg	12/02/25 10:53	VY120225
156-60-5	trans-1,2-Dichloroethene	19.9		1	0.86	5.00	ug/Kg	12/02/25 10:53	VY120225
75-34-3	1,1-Dichloroethane	21.2		1	0.80	5.00	ug/Kg	12/02/25 10:53	VY120225
110-82-7	Cyclohexane	20.3		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
78-93-3	2-Butanone	120		1	6.50	25.0	ug/Kg	12/02/25 10:53	VY120225
56-23-5	Carbon Tetrachloride	21.8		1	0.97	5.00	ug/Kg	12/02/25 10:53	VY120225
156-59-2	cis-1,2-Dichloroethene	20.8		1	0.75	5.00	ug/Kg	12/02/25 10:53	VY120225
74-97-5	Bromochloromethane	18.9		1	1.20	5.00	ug/Kg	12/02/25 10:53	VY120225
67-66-3	Chloroform	21.5		1	0.84	5.00	ug/Kg	12/02/25 10:53	VY120225
71-55-6	1,1,1-Trichloroethane	21.5		1	0.93	5.00	ug/Kg	12/02/25 10:53	VY120225
108-87-2	Methylcyclohexane	20.5		1	0.91	5.00	ug/Kg	12/02/25 10:53	VY120225
71-43-2	Benzene	21.6		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
107-06-2	1,2-Dichloroethane	21.8		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
79-01-6	Trichloroethene	21.6		1	0.81	5.00	ug/Kg	12/02/25 10:53	VY120225
78-87-5	1,2-Dichloropropane	21.9		1	0.91	5.00	ug/Kg	12/02/25 10:53	VY120225
75-27-4	Bromodichloromethane	21.9		1	0.78	5.00	ug/Kg	12/02/25 10:53	VY120225
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	12/02/25 10:53	VY120225
108-88-3	Toluene	21.6		1	0.78	5.00	ug/Kg	12/02/25 10:53	VY120225
10061-02-6	t-1,3-Dichloropropene	20.9		1	0.65	5.00	ug/Kg	12/02/25 10:53	VY120225
10061-01-5	cis-1,3-Dichloropropene	21.4		1	0.62	5.00	ug/Kg	12/02/25 10:53	VY120225
79-00-5	1,1,2-Trichloroethane	22.1		1	0.92	5.00	ug/Kg	12/02/25 10:53	VY120225
591-78-6	2-Hexanone	120		1	3.70	25.0	ug/Kg	12/02/25 10:53	VY120225
124-48-1	Dibromochloromethane	21.8		1	0.87	5.00	ug/Kg	12/02/25 10:53	VY120225
106-93-4	1,2-Dibromoethane	21.3		1	0.88	5.00	ug/Kg	12/02/25 10:53	VY120225
127-18-4	Tetrachloroethene	22.1		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
108-90-7	Chlorobenzene	21.3		1	0.91	5.00	ug/Kg	12/02/25 10:53	VY120225
100-41-4	Ethyl Benzene	21.4		1	0.67	5.00	ug/Kg	12/02/25 10:53	VY120225
179601-23-1	m/p-Xylenes	43.4		1	1.20	10.0	ug/Kg	12/02/25 10:53	VY120225
95-47-6	o-Xylene	21.2		1	0.82	5.00	ug/Kg	12/02/25 10:53	VY120225
100-42-5	Styrene	21.4		1	0.71	5.00	ug/Kg	12/02/25 10:53	VY120225
75-25-2	Bromoform	21.6		1	0.86	5.00	ug/Kg	12/02/25 10:53	VY120225

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1202SBS01
Lab Sample ID: VY1202SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	21.4		1	0.78	5.00	ug/Kg	12/02/25 10:53	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	21.5		1	1.20	5.00	ug/Kg	12/02/25 10:53	VY120225
541-73-1	1,3-Dichlorobenzene	21.0		1	1.70	5.00	ug/Kg	12/02/25 10:53	VY120225
106-46-7	1,4-Dichlorobenzene	21.1		1	1.60	5.00	ug/Kg	12/02/25 10:53	VY120225
95-50-1	1,2-Dichlorobenzene	21.5		1	1.50	5.00	ug/Kg	12/02/25 10:53	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1	1.80	5.00	ug/Kg	12/02/25 10:53	VY120225
120-82-1	1,2,4-Trichlorobenzene	19.9		1	3.00	5.00	ug/Kg	12/02/25 10:53	VY120225
87-61-6	1,2,3-Trichlorobenzene	20.1		1	3.20	5.00	ug/Kg	12/02/25 10:53	VY120225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	47.9			63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6			70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	47.9			74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.1			52 - 138	94%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	491000
540-36-3	1,4-Difluorobenzene	764000
3114-55-4	Chlorobenzene-d5	662000
3855-82-1	1,4-Dichlorobenzene-d4	340000

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VN1201WBSD01
Lab Sample ID: VN1201WBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	18.9		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
74-87-3	Chloromethane	19.4		1	0.32	1.00	ug/L	12/01/25 12:10	VN120125
75-01-4	Vinyl Chloride	18.7		1	0.26	1.00	ug/L	12/01/25 12:10	VN120125
74-83-9	Bromomethane	20.2		1	1.40	5.00	ug/L	12/01/25 12:10	VN120125
75-00-3	Chloroethane	19.3		1	0.47	1.00	ug/L	12/01/25 12:10	VN120125
75-69-4	Trichlorofluoromethane	18.7		1	0.33	1.00	ug/L	12/01/25 12:10	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		1	0.25	1.00	ug/L	12/01/25 12:10	VN120125
75-35-4	1,1-Dichloroethene	18.8		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
67-64-1	Acetone	87.0		1	1.50	5.00	ug/L	12/01/25 12:10	VN120125
75-15-0	Carbon Disulfide	18.8		1	0.21	1.00	ug/L	12/01/25 12:10	VN120125
1634-04-4	Methyl tert-butyl Ether	19.4		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
79-20-9	Methyl Acetate	19.0		1	0.27	1.00	ug/L	12/01/25 12:10	VN120125
75-09-2	Methylene Chloride	20.2		1	0.28	1.00	ug/L	12/01/25 12:10	VN120125
156-60-5	trans-1,2-Dichloroethene	19.6		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
75-34-3	1,1-Dichloroethane	19.1		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
110-82-7	Cyclohexane	18.5		1	1.50	5.00	ug/L	12/01/25 12:10	VN120125
78-93-3	2-Butanone	96.2		1	0.98	5.00	ug/L	12/01/25 12:10	VN120125
56-23-5	Carbon Tetrachloride	18.8		1	0.25	1.00	ug/L	12/01/25 12:10	VN120125
156-59-2	cis-1,2-Dichloroethene	19.4		1	0.19	1.00	ug/L	12/01/25 12:10	VN120125
74-97-5	Bromochloromethane	18.5		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
67-66-3	Chloroform	19.6		1	0.25	1.00	ug/L	12/01/25 12:10	VN120125
71-55-6	1,1,1-Trichloroethane	19.0		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125
108-87-2	Methylcyclohexane	18.5		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
71-43-2	Benzene	19.1		1	0.15	1.00	ug/L	12/01/25 12:10	VN120125
107-06-2	1,2-Dichloroethane	19.4		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
79-01-6	Trichloroethene	19.1		1	0.090	1.00	ug/L	12/01/25 12:10	VN120125
78-87-5	1,2-Dichloropropane	19.2		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125
75-27-4	Bromodichloromethane	19.3		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
108-10-1	4-Methyl-2-Pentanone	98.5		1	0.68	5.00	ug/L	12/01/25 12:10	VN120125
108-88-3	Toluene	19.8		1	0.14	1.00	ug/L	12/01/25 12:10	VN120125
10061-02-6	t-1,3-Dichloropropene	19.1		1	0.17	1.00	ug/L	12/01/25 12:10	VN120125
10061-01-5	cis-1,3-Dichloropropene	19.5		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
79-00-5	1,1,2-Trichloroethane	20.0		1	0.21	1.00	ug/L	12/01/25 12:10	VN120125
591-78-6	2-Hexanone	94.4		1	0.89	5.00	ug/L	12/01/25 12:10	VN120125
124-48-1	Dibromochloromethane	20.3		1	0.18	1.00	ug/L	12/01/25 12:10	VN120125
106-93-4	1,2-Dibromoethane	19.9		1	0.15	1.00	ug/L	12/01/25 12:10	VN120125
127-18-4	Tetrachloroethene	19.0		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
108-90-7	Chlorobenzene	19.8		1	0.12	1.00	ug/L	12/01/25 12:10	VN120125
100-41-4	Ethyl Benzene	18.9		1	0.13	1.00	ug/L	12/01/25 12:10	VN120125
179601-23-1	m/p-Xylenes	37.8		1	0.24	2.00	ug/L	12/01/25 12:10	VN120125
95-47-6	o-Xylene	19.2		1	0.12	1.00	ug/L	12/01/25 12:10	VN120125
100-42-5	Styrene	19.4		1	0.15	1.00	ug/L	12/01/25 12:10	VN120125
75-25-2	Bromoform	20.1		1	0.19	1.00	ug/L	12/01/25 12:10	VN120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VN1201WBSD01
Lab Sample ID: VN1201WBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	19.3		1	0.12	1.00	ug/L	12/01/25 12:10	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	19.5		1	0.26	1.00	ug/L	12/01/25 12:10	VN120125
541-73-1	1,3-Dichlorobenzene	19.5		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
106-46-7	1,4-Dichlorobenzene	19.0		1	0.19	1.00	ug/L	12/01/25 12:10	VN120125
95-50-1	1,2-Dichlorobenzene	19.0		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1	0.53	1.00	ug/L	12/01/25 12:10	VN120125
120-82-1	1,2,4-Trichlorobenzene	18.0		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125
87-61-6	1,2,3-Trichlorobenzene	19.1		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.2			74 - 125	104%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3			75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	53.2			86 - 113	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1			77 - 121	102%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	257000
540-36-3	1,4-Difluorobenzene	473000
3114-55-4	Chlorobenzene-d5	413000
3855-82-1	1,4-Dichlorobenzene-d4	197000

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1201SBSD01
Lab Sample ID: VY1201SBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
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	22.3		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
74-87-3	Chloromethane	18.7		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
75-01-4	Vinyl Chloride	19.8		1	0.79	5.00	ug/Kg	12/01/25 10:00	VY120125
74-83-9	Bromomethane	19.4		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
75-00-3	Chloroethane	20.2		1	1.30	5.00	ug/Kg	12/01/25 10:00	VY120125
75-69-4	Trichlorofluoromethane	21.9		1	1.20	5.00	ug/Kg	12/01/25 10:00	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	23.1		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
75-35-4	1,1-Dichloroethene	21.4		1	1.00	5.00	ug/Kg	12/01/25 10:00	VY120125
67-64-1	Acetone	130		1	4.70	25.0	ug/Kg	12/01/25 10:00	VY120125
75-15-0	Carbon Disulfide	18.0		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
1634-04-4	Methyl tert-butyl Ether	21.8		1	0.73	5.00	ug/Kg	12/01/25 10:00	VY120125
79-20-9	Methyl Acetate	20.3		1	1.50	5.00	ug/Kg	12/01/25 10:00	VY120125
75-09-2	Methylene Chloride	19.2		1	3.50	10.0	ug/Kg	12/01/25 10:00	VY120125
156-60-5	trans-1,2-Dichloroethene	21.3		1	0.86	5.00	ug/Kg	12/01/25 10:00	VY120125
75-34-3	1,1-Dichloroethane	22.0		1	0.80	5.00	ug/Kg	12/01/25 10:00	VY120125
110-82-7	Cyclohexane	21.3		1	0.79	5.00	ug/Kg	12/01/25 10:00	VY120125
78-93-3	2-Butanone	120		1	6.50	25.0	ug/Kg	12/01/25 10:00	VY120125
56-23-5	Carbon Tetrachloride	22.3		1	0.97	5.00	ug/Kg	12/01/25 10:00	VY120125
156-59-2	cis-1,2-Dichloroethene	21.5		1	0.75	5.00	ug/Kg	12/01/25 10:00	VY120125
74-97-5	Bromochloromethane	19.5		1	1.20	5.00	ug/Kg	12/01/25 10:00	VY120125
67-66-3	Chloroform	22.1		1	0.84	5.00	ug/Kg	12/01/25 10:00	VY120125
71-55-6	1,1,1-Trichloroethane	22.5		1	0.93	5.00	ug/Kg	12/01/25 10:00	VY120125
108-87-2	Methylcyclohexane	21.8		1	0.91	5.00	ug/Kg	12/01/25 10:00	VY120125
71-43-2	Benzene	21.8		1	0.79	5.00	ug/Kg	12/01/25 10:00	VY120125
107-06-2	1,2-Dichloroethane	22.5		1	0.79	5.00	ug/Kg	12/01/25 10:00	VY120125
79-01-6	Trichloroethene	22.3		1	0.81	5.00	ug/Kg	12/01/25 10:00	VY120125
78-87-5	1,2-Dichloropropane	22.7		1	0.91	5.00	ug/Kg	12/01/25 10:00	VY120125
75-27-4	Bromodichloromethane	22.4		1	0.78	5.00	ug/Kg	12/01/25 10:00	VY120125
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	12/01/25 10:00	VY120125
108-88-3	Toluene	22.4		1	0.78	5.00	ug/Kg	12/01/25 10:00	VY120125
10061-02-6	t-1,3-Dichloropropene	21.8		1	0.65	5.00	ug/Kg	12/01/25 10:00	VY120125
10061-01-5	cis-1,3-Dichloropropene	21.8		1	0.62	5.00	ug/Kg	12/01/25 10:00	VY120125
79-00-5	1,1,2-Trichloroethane	23.0		1	0.92	5.00	ug/Kg	12/01/25 10:00	VY120125
591-78-6	2-Hexanone	120		1	3.70	25.0	ug/Kg	12/01/25 10:00	VY120125
124-48-1	Dibromochloromethane	22.4		1	0.87	5.00	ug/Kg	12/01/25 10:00	VY120125
106-93-4	1,2-Dibromoethane	22.1		1	0.88	5.00	ug/Kg	12/01/25 10:00	VY120125
127-18-4	Tetrachloroethene	23.1		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
108-90-7	Chlorobenzene	22.2		1	0.91	5.00	ug/Kg	12/01/25 10:00	VY120125
100-41-4	Ethyl Benzene	22.6		1	0.67	5.00	ug/Kg	12/01/25 10:00	VY120125
179601-23-1	m/p-Xylenes	45.5		1	1.20	10.0	ug/Kg	12/01/25 10:00	VY120125
95-47-6	o-Xylene	22.3		1	0.82	5.00	ug/Kg	12/01/25 10:00	VY120125
100-42-5	Styrene	22.7		1	0.71	5.00	ug/Kg	12/01/25 10:00	VY120125
75-25-2	Bromoform	22.2		1	0.86	5.00	ug/Kg	12/01/25 10:00	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1201SBSD01
Lab Sample ID: VY1201SBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	22.7		1	0.78	5.00	ug/Kg	12/01/25 10:00	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	22.6		1	1.20	5.00	ug/Kg	12/01/25 10:00	VY120125
541-73-1	1,3-Dichlorobenzene	22.3		1	1.70	5.00	ug/Kg	12/01/25 10:00	VY120125
106-46-7	1,4-Dichlorobenzene	21.9		1	1.60	5.00	ug/Kg	12/01/25 10:00	VY120125
95-50-1	1,2-Dichlorobenzene	22.5		1	1.50	5.00	ug/Kg	12/01/25 10:00	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	21.8		1	1.80	5.00	ug/Kg	12/01/25 10:00	VY120125
120-82-1	1,2,4-Trichlorobenzene	21.7		1	3.00	5.00	ug/Kg	12/01/25 10:00	VY120125
87-61-6	1,2,3-Trichlorobenzene	22.2		1	3.20	5.00	ug/Kg	12/01/25 10:00	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	48.0			63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5			70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	50.0			74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3			52 - 138	97%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	526000
540-36-3	1,4-Difluorobenzene	818000
3114-55-4	Chlorobenzene-d5	696000
3855-82-1	1,4-Dichlorobenzene-d4	353000

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



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>CORE02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3741</u>
Instrument ID: <u>MSVOA_N</u>	Calibration Date(s): <u>11/24/2025</u> <u>11/24/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>12:38</u> <u>14:35</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID:		RRF001 = VN088344.D		RRF005 = VN088345.D		RRF020 = VN088346.D			
		RRF050 = VN088347.D		RRF100 = VN088348.D		RRF150 = VN088349.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Dichlorodifluoromethane	0.719	0.676	0.796	0.741	0.838	0.736	0.751	7.7	
Chloromethane	0.911	0.800	0.805	0.801	0.759	0.764	0.807	6.8	
Vinyl Chloride	0.804	0.844	0.856	0.812	0.837	0.772	0.821	3.8	
Bromomethane		0.407	0.392	0.396	0.387	0.392	0.395	1.9	
Chloroethane	0.555	0.503	0.496	0.505	0.502	0.485	0.508	4.8	
Trichlorofluoromethane	1.234	1.170	1.168	1.092	1.201	1.055	1.153	5.8	
1,1,2-Trichlorotrifluoroethane	0.660	0.635	0.639	0.564	0.633	0.553	0.614	7.2	
1,1-Dichloroethene	0.722	0.620	0.601	0.568	0.595	0.554	0.610	9.8	
Acetone	0.412	0.355	0.322	0.335	0.305	0.314	0.341	11.5	
Carbon Disulfide	2.061	2.043	2.043	1.983	1.996	1.833	1.993	4.2	
Methyl tert-butyl Ether	2.126	2.239	2.245	2.504	2.265	2.333	2.285	5.5	
Methyl Acetate	1.072	1.048	0.957	1.049	0.972	0.985	1.014	4.7	
Methylene Chloride	0.797	0.752	0.704	0.756	0.686	0.678	0.729	6.4	
trans-1,2-Dichloroethene	0.752	0.668	0.676	0.686	0.647	0.626	0.676	6.4	
1,1-Dichloroethane	1.389	1.431	1.348	1.427	1.321	1.286	1.367	4.3	
Cyclohexane		1.450	1.264	1.133	1.237	1.109	1.239	10.9	
2-Butanone	0.509	0.538	0.548	0.596	0.540	0.556	0.548	5.2	
Carbon Tetrachloride	0.565	0.504	0.548	0.499	0.570	0.509	0.532	6	
cis-1,2-Dichloroethene	0.797	0.801	0.794	0.829	0.747	0.744	0.785	4.2	
Bromochloromethane	0.724	0.722	0.684	0.735	0.624	0.597	0.681	8.5	
Chloroform	1.377	1.362	1.351	1.392	1.291	1.285	1.343	3.3	
1,1,1-Trichloroethane	1.247	1.219	1.192	1.158	1.166	1.104	1.181	4.3	
Methylcyclohexane	0.534	0.542	0.606	0.527	0.662	0.561	0.572	9.1	
Benzene	1.658	1.555	1.609	1.559	1.559	1.477	1.570	3.9	
1,2-Dichloroethane	0.583	0.614	0.596	0.615	0.597	0.587	0.599	2.3	
Trichloroethene	0.382	0.385	0.383	0.357	0.371	0.348	0.371	4.1	
1,2-Dichloropropane	0.426	0.402	0.402	0.406	0.396	0.381	0.402	3.6	
Bromodichloromethane	0.602	0.586	0.586	0.589	0.583	0.566	0.586	2	
4-Methyl-2-Pentanone	0.540	0.616	0.661	0.673	0.658	0.651	0.633	7.8	
Toluene	0.829	0.885	0.940	0.913	0.960	0.911	0.906	5.1	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>CORE02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3741</u>
Instrument ID: <u>MSVOA_N</u>	Calibration Date(s): <u>11/24/2025</u> <u>11/24/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>12:38</u> <u>14:35</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID:								
RRF001 = VN088344.D			RRF005 = VN088345.D			RRF020 = VN088346.D		
RRF050 = VN088347.D			RRF100 = VN088348.D			RRF150 = VN088349.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.567	0.553	0.598	0.631	0.631	0.625	0.601	5.7
cis-1,3-Dichloropropene	0.590	0.618	0.628	0.662	0.654	0.640	0.632	4.2
1,1,2-Trichloroethane	0.350	0.359	0.364	0.353	0.341	0.336	0.351	3
2-Hexanone	0.359	0.301	0.406	0.436	0.442	0.450	0.399	14.7
Dibromochloromethane	0.384	0.386	0.406	0.409	0.410	0.404	0.400	2.9
1,2-Dibromoethane	0.304	0.367	0.364	0.369	0.367	0.359	0.355	7.2
Tetrachloroethene	0.426	0.388	0.413	0.377	0.407	0.367	0.396	5.7
Chlorobenzene	1.114	1.142	1.161	1.106	1.145	1.070	1.123	3
Ethyl Benzene	1.881	1.860	2.014	1.938	2.133	1.952	1.963	5.1
m/p-Xylenes	0.658	0.690	0.769	0.733	0.788	0.728	0.728	6.6
o-Xylene	0.670	0.619	0.722	0.696	0.749	0.708	0.694	6.5
Styrene	0.884	1.025	1.163	1.193	1.284	1.210	1.127	12.9
Bromoform	0.224	0.273	0.285	0.285	0.302	0.295	0.277	10.1
Isopropylbenzene	3.339	3.528	3.944	3.624	4.040	3.706	3.697	7.1
1,1,2,2-Tetrachloroethane	1.377	1.218	1.231	1.127	1.135	1.082	1.195	8.9
1,3-Dichlorobenzene	1.730	1.573	1.720	1.606	1.676	1.574	1.647	4.3
1,4-Dichlorobenzene	1.747	1.825	1.786	1.681	1.702	1.608	1.725	4.5
1,2-Dichlorobenzene	1.518	1.574	1.583	1.521	1.595	1.505	1.550	2.5
1,2-Dibromo-3-Chloropropane	0.284	0.284	0.284	0.288	0.300	0.300	0.290	2.8
1,2,4-Trichlorobenzene	0.998	0.864	0.901	0.889	0.955	0.917	0.921	5.3
1,2,3-Trichlorobenzene	0.942	0.850	0.888	0.875	0.930	0.891	0.896	3.8
1,2-Dichloroethane-d4		0.954	0.916	0.999	0.882	0.960	0.942	4.7
Dibromofluoromethane		0.361	0.350	0.350	0.334	0.337	0.346	3.2
Toluene-d8		1.249	1.292	1.285	1.308	1.313	1.289	2
4-Bromofluorobenzene		0.402	0.413	0.448	0.466	0.482	0.442	7.7

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>CORE02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3741</u>
Instrument ID: <u>MSVOA_Y</u>	Calibration Date(s): <u>11/26/2025</u> <u>11/26/2025</u>
Heated Purge: (Y/N) <u>Y</u>	Calibration Time(s): <u>08:04</u> <u>10:02</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID: RRF005 = VY023809.D RRF010 = VY023810.D RRF020 = VY023811.D RRF050 = VY023812.D RRF100 = VY023813.D RRF150 = VY023814.D								
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Dichlorodifluoromethane	0.422	0.412	0.414	0.340	0.339	0.334	0.377	11.4
Chloromethane	0.640	0.632	0.607	0.531	0.532	0.515	0.576	9.8
Vinyl Chloride	0.662	0.655	0.640	0.604	0.602	0.580	0.624	5.3
Bromomethane	0.543	0.480	0.439	0.386	0.402	0.390	0.440	14
Chloroethane	0.437	0.420	0.420	0.395	0.394	0.372	0.406	5.8
Trichlorofluoromethane	0.906	0.865	0.874	0.815	0.805	0.793	0.843	5.3
1,1,2-Trichlorotrifluoroethane	0.537	0.509	0.501	0.473	0.477	0.455	0.492	6
1,1-Dichloroethene	0.508	0.487	0.491	0.471	0.476	0.471	0.484	3
Acetone	0.148	0.138	0.137	0.135	0.150	0.133	0.140	5.1
Carbon Disulfide	1.644	1.610	1.618	1.519	1.521	1.461	1.562	4.6
Methyl tert-butyl Ether	1.182	1.158	1.200	1.242	1.355	1.287	1.237	6
Methyl Acetate	0.273	0.264	0.262	0.257	0.299	0.270	0.271	5.5
Methylene Chloride	0.755	0.662	0.582	0.530	0.530	0.500	0.593	16.5
trans-1,2-Dichloroethene	0.553	0.537	0.543	0.526	0.539	0.518	0.536	2.3
1,1-Dichloroethane	1.012	0.982	0.989	0.955	0.968	0.947	0.976	2.4
Cyclohexane	1.060	0.953	0.937	0.896	0.903	0.867	0.936	7.2
2-Butanone	0.169	0.163	0.163	0.169	0.192	0.171	0.171	6.4
Carbon Tetrachloride	0.514	0.490	0.502	0.494	0.507	0.483	0.498	2.3
cis-1,2-Dichloroethene	0.636	0.620	0.623	0.611	0.632	0.613	0.622	1.6
Bromochloromethane	0.437	0.400	0.405	0.399	0.408	0.386	0.406	4.2
Chloroform	1.025	0.991	0.996	0.961	0.969	0.943	0.981	3
1,1,1-Trichloroethane	0.893	0.885	0.882	0.851	0.869	0.844	0.871	2.3
Methylcyclohexane	0.598	0.572	0.591	0.604	0.631	0.603	0.600	3.2
Benzene	1.415	1.388	1.434	1.383	1.410	1.355	1.398	2
1,2-Dichloroethane	0.365	0.354	0.358	0.359	0.372	0.354	0.360	2
Trichloroethene	0.366	0.347	0.371	0.355	0.362	0.350	0.359	2.6
1,2-Dichloropropane	0.324	0.325	0.336	0.329	0.339	0.324	0.330	2
Bromodichloromethane	0.468	0.460	0.468	0.463	0.484	0.460	0.467	1.9
4-Methyl-2-Pentanone	0.183	0.185	0.199	0.219	0.252	0.223	0.210	12.6
Toluene	0.818	0.831	0.883	0.892	0.908	0.866	0.866	4.1

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date(s):	<u>11/26/2025</u> <u>11/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Calibration Time(s):	<u>08:04</u> <u>10:02</u>
GC Column:	<u>RXI-624</u> ID: <u>0.25</u> (mm)		

LAB FILE ID:								
RRF005 = VY023809.D			RRF010 = VY023810.D			RRF020 = VY023811.D		
RRF050 = VY023812.D			RRF100 = VY023813.D			RRF150 = VY023814.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.399	0.394	0.415	0.438	0.473	0.450	0.428	7.2
cis-1,3-Dichloropropene	0.488	0.489	0.509	0.516	0.548	0.526	0.512	4.5
1,1,2-Trichloroethane	0.233	0.230	0.235	0.242	0.257	0.240	0.240	4
2-Hexanone	0.131	0.135	0.147	0.162	0.190	0.167	0.155	14.2
Dibromochloromethane	0.305	0.308	0.321	0.322	0.347	0.326	0.321	4.7
1,2-Dibromoethane	0.218	0.207	0.219	0.220	0.243	0.226	0.222	5.4
Tetrachloroethene	0.525	0.455	0.510	0.470	0.442	0.445	0.474	7.4
Chlorobenzene	1.100	1.091	1.118	1.093	1.109	1.074	1.098	1.4
Ethyl Benzene	1.779	1.789	1.887	1.918	1.967	1.907	1.875	4
m/p-Xylenes	0.676	0.695	0.739	0.743	0.754	0.728	0.722	4.2
o-Xylene	0.633	0.643	0.679	0.690	0.724	0.695	0.677	5
Styrene	0.995	1.047	1.117	1.162	1.210	1.163	1.116	7.2
Bromoform	0.214	0.209	0.209	0.216	0.237	0.221	0.217	4.9
Isopropylbenzene	3.390	3.431	3.571	3.610	3.701	3.590	3.549	3.3
1,1,2,2-Tetrachloroethane	0.580	0.573	0.524	0.576	0.654	0.599	0.584	7.2
1,3-Dichlorobenzene	1.696	1.674	1.670	1.654	1.698	1.645	1.673	1.3
1,4-Dichlorobenzene	1.798	1.678	1.645	1.635	1.662	1.601	1.670	4.1
1,2-Dichlorobenzene	1.489	1.439	1.456	1.460	1.501	1.431	1.463	1.9
1,2-Dibromo-3-Chloropropane	0.104	0.094	0.085	0.095	0.110	0.100	0.098	8.7
1,2,4-Trichlorobenzene	0.855	0.777	0.835	0.877	0.949	0.940	0.872	7.5
1,2,3-Trichlorobenzene	0.711	0.658	0.710	0.740	0.817	0.820	0.743	8.7
1,2-Dichloroethane-d4	0.508	0.478	0.483	0.492	0.486	0.475	0.487	2.5
Dibromofluoromethane	0.299	0.285	0.297	0.303	0.299	0.295	0.296	2.1
Toluene-d8	1.161	1.125	1.183	1.212	1.209	1.170	1.176	2.8
4-Bromofluorobenzene	0.388	0.362	0.381	0.395	0.406	0.390	0.387	3.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>12/01/2025 09:58</u>
Lab File ID:	<u>VN088370.D</u>	Init. Calib. Date(s):	<u>11/24/2025 11/24/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:38 14:35</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.751	0.815		8.52	20
Chloromethane	0.807	0.858	0.1	6.32	20
Vinyl Chloride	0.821	0.851		3.65	20
Bromomethane	0.395	0.408		3.29	20
Chloroethane	0.508	0.525		3.35	20
Trichlorofluoromethane	1.153	1.195		3.64	20
1,1,2-Trichlorotrifluoroethane	0.614	0.636		3.58	20
1,1-Dichloroethene	0.610	0.607		-0.49	20
Acetone	0.341	0.269		-21.11	20
Carbon Disulfide	1.993	2.083		4.52	20
Methyl tert-butyl Ether	2.285	2.626		14.92	20
Methyl Acetate	1.014	1.108		9.27	20
Methylene Chloride	0.729	0.791		8.51	20
trans-1,2-Dichloroethene	0.676	0.724		7.1	20
1,1-Dichloroethane	1.367	1.456	0.1	6.51	20
Cyclohexane	1.239	1.285		3.71	20
2-Butanone	0.548	0.541		-1.28	20
Carbon Tetrachloride	0.532	0.584		9.77	20
cis-1,2-Dichloroethene	0.785	0.861		9.68	20
Bromochloromethane	0.681	0.672		-1.32	20
Chloroform	1.343	1.443		7.45	20
1,1,1-Trichloroethane	1.181	1.220		3.3	20
Methylcyclohexane	0.572	0.664		16.08	20
Benzene	1.570	1.738		10.7	20
1,2-Dichloroethane	0.599	0.676		12.85	20
Trichloroethene	0.371	0.415		11.86	20
1,2-Dichloropropane	0.402	0.453		12.69	20
Bromodichloromethane	0.586	0.670		14.33	20
4-Methyl-2-Pentanone	0.633	0.747		18.01	20
Toluene	0.906	1.034		14.13	20
t-1,3-Dichloropropene	0.601	0.701		16.64	20
cis-1,3-Dichloropropene	0.632	0.748		18.35	20
1,1,2-Trichloroethane	0.351	0.400		13.96	20
2-Hexanone	0.399	0.458		14.79	20
Dibromochloromethane	0.400	0.464		16	20
1,2-Dibromoethane	0.355	0.413		16.34	20
Tetrachloroethene	0.396	0.425		7.32	20
Chlorobenzene	1.123	1.242	0.3	10.6	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>12/01/2025</u> <u>09:58</u>
Lab File ID:	<u>VN088370.D</u>	Init. Calib. Date(s):	<u>11/24/2025</u> <u>11/24/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:38</u> <u>14:35</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.963	2.187		11.41	20
m/p-Xylenes	0.728	0.816		12.09	20
o-Xylene	0.694	0.778		12.1	20
Styrene	1.127	1.336		18.55	20
Bromoform	0.277	0.337	0.1	21.66	20
Isopropylbenzene	3.697	4.179		13.04	20
1,1,2,2-Tetrachloroethane	1.195	1.313	0.3	9.87	20
1,3-Dichlorobenzene	1.647	1.852		12.45	20
1,4-Dichlorobenzene	1.725	1.901		10.2	20
1,2-Dichlorobenzene	1.550	1.757		13.35	20
1,2-Dibromo-3-Chloropropane	0.290	0.317		9.31	20
1,2,4-Trichlorobenzene	0.921	1.042		13.14	20
1,2,3-Trichlorobenzene	0.896	0.989		10.38	20
1,2-Dichloroethane-d4	0.942	0.958		1.7	20
Dibromofluoromethane	0.346	0.377		8.96	20
Toluene-d8	1.289	1.356		5.2	20
4-Bromofluorobenzene	0.442	0.472		6.79	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/01/2025 07:55</u>
Lab File ID:	<u>VY023829.D</u>	Init. Calib. Date(s):	<u>11/26/2025 11/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>08:04 10:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.377	0.352		-6.63	20
Chloromethane	0.576	0.473	0.1	-17.88	20
Vinyl Chloride	0.624	0.570		-8.65	20
Bromomethane	0.440	0.360		-18.18	20
Chloroethane	0.406	0.380		-6.4	20
Trichlorofluoromethane	0.843	0.848		0.59	20
1,1,2-Trichlorotrifluoroethane	0.492	0.526		6.91	20
1,1-Dichloroethene	0.484	0.491		1.45	20
Acetone	0.140	0.158		12.86	20
Carbon Disulfide	1.562	1.340		-14.21	20
Methyl tert-butyl Ether	1.237	1.330		7.52	20
Methyl Acetate	0.271	0.304		12.18	20
Methylene Chloride	0.593	0.531		-10.45	20
trans-1,2-Dichloroethene	0.536	0.539		0.56	20
1,1-Dichloroethane	0.976	1.008	0.1	3.28	20
Cyclohexane	0.936	0.916		-2.14	20
2-Butanone	0.171	0.187		9.36	20
Carbon Tetrachloride	0.498	0.548		10.04	20
cis-1,2-Dichloroethene	0.622	0.639		2.73	20
Bromochloromethane	0.406	0.389		-4.19	20
Chloroform	0.981	1.019		3.87	20
1,1,1-Trichloroethane	0.871	0.916		5.17	20
Methylcyclohexane	0.600	0.648		8	20
Benzene	1.398	1.495		6.94	20
1,2-Dichloroethane	0.360	0.396		10	20
Trichloroethene	0.359	0.392		9.19	20
1,2-Dichloropropane	0.330	0.363		10	20
Bromodichloromethane	0.467	0.516		10.49	20
4-Methyl-2-Pentanone	0.210	0.252		20	20
Toluene	0.866	0.957		10.51	20
t-1,3-Dichloropropene	0.428	0.474		10.75	20
cis-1,3-Dichloropropene	0.512	0.561		9.57	20
1,1,2-Trichloroethane	0.240	0.275		14.58	20
2-Hexanone	0.155	0.188		21.29	20
Dibromochloromethane	0.321	0.361		12.46	20
1,2-Dibromoethane	0.222	0.249		12.16	20
Tetrachloroethene	0.474	0.532		12.24	20
Chlorobenzene	1.098	1.206	0.3	9.84	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/01/2025</u> <u>07:55</u>
Lab File ID:	<u>VY023829.D</u>	Init. Calib. Date(s):	<u>11/26/2025</u> <u>11/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>08:04</u> <u>10:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.875	2.141		14.19	20
m/p-Xylenes	0.722	0.815		12.88	20
o-Xylene	0.677	0.762		12.56	20
Styrene	1.116	1.275		14.25	20
Bromoform	0.217	0.246	0.1	13.36	20
Isopropylbenzene	3.549	4.062		14.45	20
1,1,2,2-Tetrachloroethane	0.584	0.664	0.3	13.7	20
1,3-Dichlorobenzene	1.673	1.834		9.62	20
1,4-Dichlorobenzene	1.670	1.788		7.07	20
1,2-Dichlorobenzene	1.463	1.606		9.77	20
1,2-Dibromo-3-Chloropropane	0.098	0.107		9.18	20
1,2,4-Trichlorobenzene	0.872	0.955		9.52	20
1,2,3-Trichlorobenzene	0.743	0.826		11.17	20
1,2-Dichloroethane-d4	0.487	0.517		6.16	20
Dibromofluoromethane	0.296	0.332		12.16	20
Toluene-d8	1.176	1.313		11.65	20
4-Bromofluorobenzene	0.387	0.437		12.92	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/02/2025 09:14</u>
Lab File ID:	<u>VY023849.D</u>	Init. Calib. Date(s):	<u>11/26/2025 11/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>08:04 10:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.377	0.394		4.51	20
Chloromethane	0.576	0.577	0.1	0.17	20
Vinyl Chloride	0.624	0.668		7.05	20
Bromomethane	0.440	0.438		-0.46	20
Chloroethane	0.406	0.428		5.42	20
Trichlorofluoromethane	0.843	0.887		5.22	20
1,1,2-Trichlorotrifluoroethane	0.492	0.518		5.28	20
1,1-Dichloroethene	0.484	0.518		7.03	20
Acetone	0.140	0.184		31.43	20
Carbon Disulfide	1.562	1.710		9.48	20
Methyl tert-butyl Ether	1.237	1.274		2.99	20
Methyl Acetate	0.271	0.262		-3.32	20
Methylene Chloride	0.593	0.551		-7.08	20
trans-1,2-Dichloroethene	0.536	0.581		8.4	20
1,1-Dichloroethane	0.976	1.037	0.1	6.25	20
Cyclohexane	0.936	0.999		6.73	20
2-Butanone	0.171	0.201		17.54	20
Carbon Tetrachloride	0.498	0.544		9.24	20
cis-1,2-Dichloroethene	0.622	0.654		5.14	20
Bromochloromethane	0.406	0.406		0	20
Chloroform	0.981	1.035		5.51	20
1,1,1-Trichloroethane	0.871	0.928		6.54	20
Methylcyclohexane	0.600	0.659		9.83	20
Benzene	1.398	1.520		8.73	20
1,2-Dichloroethane	0.360	0.381		5.83	20
Trichloroethene	0.359	0.385		7.24	20
1,2-Dichloropropane	0.330	0.357		8.18	20
Bromodichloromethane	0.467	0.493		5.57	20
4-Methyl-2-Pentanone	0.210	0.226		7.62	20
Toluene	0.866	0.960		10.85	20
t-1,3-Dichloropropene	0.428	0.458		7.01	20
cis-1,3-Dichloropropene	0.512	0.547		6.84	20
1,1,2-Trichloroethane	0.240	0.251		4.58	20
2-Hexanone	0.155	0.185		19.35	20
Dibromochloromethane	0.321	0.336		4.67	20
1,2-Dibromoethane	0.222	0.234		5.41	20
Tetrachloroethene	0.474	0.519		9.49	20
Chlorobenzene	1.098	1.184	0.3	7.83	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/02/2025</u> <u>09:14</u>
Lab File ID:	<u>VY023849.D</u>	Init. Calib. Date(s):	<u>11/26/2025</u> <u>11/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>08:04</u> <u>10:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.875	2.111		12.59	20
m/p-Xylenes	0.722	0.812		12.47	20
o-Xylene	0.677	0.758		11.97	20
Styrene	1.116	1.255		12.45	20
Bromoform	0.217	0.229	0.1	5.53	20
Isopropylbenzene	3.549	3.929		10.71	20
1,1,2,2-Tetrachloroethane	0.584	0.601	0.3	2.91	20
1,3-Dichlorobenzene	1.673	1.755		4.9	20
1,4-Dichlorobenzene	1.670	1.719		2.93	20
1,2-Dichlorobenzene	1.463	1.541		5.33	20
1,2-Dibromo-3-Chloropropane	0.098	0.096		-2.04	20
1,2,4-Trichlorobenzene	0.872	0.895		2.64	20
1,2,3-Trichlorobenzene	0.743	0.758		2.02	20
1,2-Dichloroethane-d4	0.487	0.485		-0.41	20
Dibromofluoromethane	0.296	0.307		3.72	20
Toluene-d8	1.176	1.213		3.15	20
4-Bromofluorobenzene	0.387	0.392		1.29	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.