284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q3254	**OrderDate:**	9/30/2025 12:37:00 PM
Client:	Lockwood, Kessler & Bartlett, Inc.	**Project:**	Ansonia Landfill 2025
Contact:	John Gerlach	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3254-01	**MW-1**	**Water**			**09/29/25**			**09/30/25**
			VOCMS Group1	8260-Low			10/03/25	
Q3254-03	**MW-2**	**Water**			**09/29/25**			**09/30/25**
			VOCMS Group1	8260-Low			10/03/25	
Q3254-05	**MW-3**	**Water**			**09/29/25**			**09/30/25**
			VOCMS Group1	8260-Low			10/03/25	
Q3254-07	**MW-4**	**Water**			**09/29/25**			**09/30/25**
			VOCMS Group1	8260-Low			10/03/25	
Q3254-09	**TRIP-BLANK**	**Water**			**09/29/25**			**09/30/25**
			VOCMS Group1	8260-Low			10/03/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3254

Client: Lockwood, Kessler & Bartlett, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**MW-2**							
Q3254-03	MW-2	Water	Chlorobenzene	0.97	J	0.12	1.00	ug/L
			Total Voc :	0.97				
			Total Concentration:	0.97				
Client ID:	**MW-4**							
Q3254-07	MW-4	Water	Chlorobenzene	0.71	J	0.12	1.00	ug/L
			Total Voc :	0.71				
			Total Concentration:	0.71				

SAMPLE DATA

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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-1	SDG No.:	Q3254
Lab Sample ID:	Q3254-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039252.D	1	10/03/25 16:11	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	5.00	U	0.83	5.00	ug/L
67-64-1	Acetone	5.00	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	5.00	U	0.66	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	1.00	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	1.00	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-1	SDG No.:	Q3254
Lab Sample ID:	Q3254-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039252.D	1	10/03/25 16:11	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	UQ	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	1.00	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	5.00	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.5		74 - 125	119%	SPK: 50
1868-53-7	Dibromofluoromethane	58.8		75 - 124	118%	SPK: 50
2037-26-5	Toluene-d8	45.8		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	362000	4.603			
540-36-3	1,4-Difluorobenzene	619000	5.535			
3114-55-4	Chlorobenzene-d5	641000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	308000	11.175			

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

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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-2	SDG No.:	Q3254
Lab Sample ID:	Q3254-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039253.D	1	10/03/25 16:34	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	5.00	U	0.83	5.00	ug/L
67-64-1	Acetone	5.00	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	5.00	U	0.66	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	1.00	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.97	J	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	1.00	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L

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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-2	SDG No.:	Q3254
Lab Sample ID:	Q3254-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039253.D	1	10/03/25 16:34	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	UQ	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	1.00	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	5.00	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.7		74 - 125	117%	SPK: 50
1868-53-7	Dibromofluoromethane	61.4		75 - 124	123%	SPK: 50
2037-26-5	Toluene-d8	46.7		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.2		77 - 121	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	309000	4.603			
540-36-3	1,4-Difluorobenzene	515000	5.535			
3114-55-4	Chlorobenzene-d5	545000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	261000	11.172			

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

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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-3	SDG No.:	Q3254
Lab Sample ID:	Q3254-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039254.D	1	10/03/25 16:56	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	5.00	U	0.83	5.00	ug/L
67-64-1	Acetone	5.00	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	5.00	U	0.66	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	1.00	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	1.00	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-3	SDG No.:	Q3254
Lab Sample ID:	Q3254-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039254.D	1	10/03/25 16:56	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	UQ	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	1.00	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	5.00	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.4		74 - 125	117%	SPK: 50
1868-53-7	Dibromofluoromethane	56.4		75 - 124	113%	SPK: 50
2037-26-5	Toluene-d8	45.2		86 - 113	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.3		77 - 121	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	448000	4.603			
540-36-3	1,4-Difluorobenzene	801000	5.535			
3114-55-4	Chlorobenzene-d5	824000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	400000	11.172			

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

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Fax : 908 789 8922

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-4	SDG No.:	Q3254
Lab Sample ID:	Q3254-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039255.D	1	10/03/25 17:19	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	5.00	U	0.83	5.00	ug/L
67-64-1	Acetone	5.00	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	5.00	U	0.66	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	1.00	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.71	J	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	1.00	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	MW-4	SDG No.:	Q3254
Lab Sample ID:	Q3254-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039255.D	1	10/03/25 17:19	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	UQ	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	1.00	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	5.00	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.5		74 - 125	115%	SPK: 50
1868-53-7	Dibromofluoromethane	57.4		75 - 124	115%	SPK: 50
2037-26-5	Toluene-d8	45.6		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	393000	4.603			
540-36-3	1,4-Difluorobenzene	674000	5.535			
3114-55-4	Chlorobenzene-d5	694000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	336000	11.172			

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

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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	TRIP-BLANK	SDG No.:	Q3254
Lab Sample ID:	Q3254-09	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039251.D	1	10/03/25 15:49	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	5.00	U	0.83	5.00	ug/L
67-64-1	Acetone	5.00	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	5.00	U	0.66	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	1.00	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	1.00	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L

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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/29/25
Project:	Ansonia Landfill 2025	Date Received:	09/30/25
Client Sample ID:	TRIP-BLANK	SDG No.:	Q3254
Lab Sample ID:	Q3254-09	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039251.D	1	10/03/25 15:49	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	UQ	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	1.00	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	5.00	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.2		74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	58.9		75 - 124	118%	SPK: 50
2037-26-5	Toluene-d8	45.8		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		77 - 121	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	330000	4.603			
540-36-3	1,4-Difluorobenzene	558000	5.535			
3114-55-4	Chlorobenzene-d5	580000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	279000	11.175			

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3254

Client: Lockwood, Kessler & Bartlett, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3254-01	MW-1	1,2-Dichloroethane-d4	50	59.5	119		74	125
		Dibromofluoromethane	50	58.8	118		75	124
		Toluene-d8	50	45.8	92		86	113
		4-Bromofluorobenzene	50	45.0	90		77	121
Q3254-03	MW-2	1,2-Dichloroethane-d4	50	58.7	117		74	125
		Dibromofluoromethane	50	61.4	123		75	124
		Toluene-d8	50	46.7	93		86	113
		4-Bromofluorobenzene	50	46.2	92		77	121
Q3254-05	MW-3	1,2-Dichloroethane-d4	50	58.4	117		74	125
		Dibromofluoromethane	50	56.4	113		75	124
		Toluene-d8	50	45.2	90		86	113
		4-Bromofluorobenzene	50	45.3	91		77	121
Q3254-07	MW-4	1,2-Dichloroethane-d4	50	57.5	115		74	125
		Dibromofluoromethane	50	57.4	115		75	124
		Toluene-d8	50	45.6	91		86	113
		4-Bromofluorobenzene	50	45.1	90		77	121
Q3254-09	TRIP-BLANK	1,2-Dichloroethane-d4	50	58.2	116		74	125
		Dibromofluoromethane	50	58.9	118		75	124
		Toluene-d8	50	45.8	92		86	113
		4-Bromofluorobenzene	50	44.6	89		77	121
VV1003WBL01	VV1003WBL01	1,2-Dichloroethane-d4	50	51.7	103		74	125
		Dibromofluoromethane	50	52.5	105		75	124
		Toluene-d8	50	44.6	89		86	113
		4-Bromofluorobenzene	50	45.2	90		77	121
VV1003WBS01	VV1003WBS01	1,2-Dichloroethane-d4	50	41.7	83		74	125
		Dibromofluoromethane	50	49.6	99		75	124
		Toluene-d8	50	45.8	92		86	113
		4-Bromofluorobenzene	50	53.4	107		77	121
VV1003WBSD0	VV1003WBSD01	1,2-Dichloroethane-d4	50	42.8	86		74	125
		Dibromofluoromethane	50	48.6	97		75	124
		Toluene-d8	50	45.3	91		86	113
		4-Bromofluorobenzene	50	53.2	106		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3254**	**Analytical Method:**	**SW8260-Low**
Client:	**Lockwood, Kessler & Bartlett, Inc.**	**Datafile :**	VV039245.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1003WBS01	Vinyl chloride	20	17.5	ug/L	88			65	117	
	Chloroethane	20	18.1	ug/L	91			56	128	
	Trichlorofluoromethane	20	19.1	ug/L	96			73	115	
	1,1-Dichloroethene	20	18.8	ug/L	94			74	110	
	Acrylonitrile	100	88.9	ug/L	89			73	113	
	Acetone	100	91.0	ug/L	91			60	125	
	Carbon disulfide	20	16.0	ug/L	80			64	112	
	Methylene Chloride	20	19.9	ug/L	100			72	114	
	Vinyl Acetate	100	88.0	ug/L	88			76	115	
	2-Butanone	100	89.1	ug/L	89			65	122	
	Carbon Tetrachloride	20	19.2	ug/L	96			77	113	
	cis-1,2-Dichloroethene	20	19.2	ug/L	96			77	110	
	Bromochloromethane	20	19.3	ug/L	97			70	124	
	Chloroform	20	18.1	ug/L	91			79	113	
	1,1,1-Trichloroethane	20	18.2	ug/L	91			80	108	
	Benzene	20	19.4	ug/L	97			82	109	
	1,2-Dichloropropane	20	19.9	ug/L	100			83	111	
	Dibromomethane	20	19.8	ug/L	99			82	110	
	Bromodichloromethane	20	19.3	ug/L	97			83	110	
	4-Methyl-2-Pentanone	100	100	ug/L	100			74	118	
	Toluene	20	20.9	ug/L	104			82	110	
	t-1,3-Dichloropropene	20	21.1	ug/L	106			79	110	
	cis-1,3-Dichloropropene	20	20.9	ug/L	104			82	110	
	2-Hexanone	100	91.8	ug/L	92			73	117	
	Dibromochloromethane	20	20.7	ug/L	104			82	110	
	1,2-Dibromoethane	20	20.6	ug/L	103			81	110	
	Tetrachloroethene	20	20.3	ug/L	102			67	123	
	Chlorobenzene	20	20.2	ug/L	101			82	109	
	1,1,1,2-Tetrachloroethane	20	20.3	ug/L	102			84	111	
	Ethyl Benzene	20	20.2	ug/L	101			83	109	
	m/p-Xylenes	40	43.1	ug/L	108			82	110	
	o-Xylene	20	21.5	ug/L	108			83	109	
	Styrene	20	19.7	ug/L	99			80	111	
	Bromoform	20	21.5	ug/L	108			79	109	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91			76	118	
	1,2,3-Trichloropropane	20	18.1	ug/L	91			75	112	
	1,4-Dichlorobenzene	20	19.3	ug/L	97			82	107	
	1,2-Dichlorobenzene	20	19.7	ug/L	99			82	109	
	1,2-Dibromo-3-Chloropropane	20	20.5	ug/L	103			68	112	
	Methyl iodide	20	22.0	ug/L	110			70	130	
	trans-1,4-Dichloro-2-butene	20	19.0	ug/L	95			79	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3254 **Analytical Method:** SW8260-Low

Client: Lockwood, Kessler & Bartlett, Inc. **Datafile :** VV039246.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1003WBSD01	Vinyl chloride	20	17.0	ug/L	85	3		65	117	19
	Chloroethane	20	17.8	ug/L	89	2		56	128	20
	Trichlorofluoromethane	20	18.8	ug/L	94	2		73	115	16
	1,1-Dichloroethene	20	18.7	ug/L	94	0		74	110	20
	Acrylonitrile	100	94.7	ug/L	95	7		73	113	29
	Acetone	100	93.4	ug/L	93	2		60	125	20
	Carbon disulfide	20	15.9	ug/L	79	1		64	112	20
	Methylene Chloride	20	20.2	ug/L	101	1		72	114	20
	Vinyl Acetate	100	92.0	ug/L	92	4		76	115	26
	2-Butanone	100	93.5	ug/L	94	5		65	122	26
	Carbon Tetrachloride	20	18.8	ug/L	94	2		77	113	15
	cis-1,2-Dichloroethene	20	19.6	ug/L	98	2		77	110	20
	Bromochloromethane	20	19.6	ug/L	98	1		70	124	20
	Chloroform	20	18.2	ug/L	91	0		79	113	20
	1,1,1-Trichloroethane	20	18.4	ug/L	92	1		80	108	20
	Benzene	20	19.3	ug/L	97	0		82	109	15
	1,2-Dichloropropane	20	19.1	ug/L	96	4		83	111	16
	Dibromomethane	20	20.1	ug/L	101	2		82	110	20
	Bromodichloromethane	20	19.4	ug/L	97	0		83	110	16
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		74	118	25
	Toluene	20	20.9	ug/L	104	0		82	110	16
	t-1,3-Dichloropropene	20	21.3	ug/L	106	0		79	110	20
	cis-1,3-Dichloropropene	20	21.1	ug/L	106	2		82	110	16
	2-Hexanone	100	95.2	ug/L	95	3		73	117	25
	Dibromochloromethane	20	20.6	ug/L	103	1		82	110	20
	1,2-Dibromoethane	20	21.4	ug/L	107	4		81	110	20
	Tetrachloroethene	20	20.4	ug/L	102	0		67	123	15
	Chlorobenzene	20	20.2	ug/L	101	0		82	109	15
	1,1,1,2-Tetrachloroethane	20	20.7	ug/L	104	2		84	111	20
	Ethyl Benzene	20	20.2	ug/L	101	0		83	109	16
	m/p-Xylenes	40	43.3	ug/L	108	0		82	110	15
	o-Xylene	20	21.8	ug/L	109	1		83	109	20
	Styrene	20	19.6	ug/L	98	1		80	111	17
	Bromoform	20	22.2	ug/L	111	3	*	79	109	20
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94	3		76	118	20
	1,2,3-Trichloropropane	20	18.8	ug/L	94	3		75	112	20
	1,4-Dichlorobenzene	20	19.5	ug/L	98	1		82	107	15
	1,2-Dichlorobenzene	20	20.2	ug/L	101	2		82	109	20
	1,2-Dibromo-3-Chloropropane	20	20.6	ug/L	103	0		68	112	20
	Methyl iodide	20	22.2	ug/L	111	1		70	130	20
	trans-1,4-Dichloro-2-butene	20	19.5	ug/L	98	3		79	102	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VV1003WBL01

Lab Name: Alliance Contract: LOCK01

Lab Code: ACE SDG NO.: Q3254

Lab File ID: VV039244.D Lab Sample ID: VV1003WBL01

Date Analyzed: 10/03/2025 Time Analyzed: 11:26

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_V

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VV1003WBS01	VV1003WBS01	VV039245.D	10/03/2025
VV1003WBSD01	VV1003WBSD01	VV039246.D	10/03/2025
TRIP-BLANK	Q3254-09	VV039251.D	10/03/2025
MW-1	Q3254-01	VV039252.D	10/03/2025
MW-2	Q3254-03	VV039253.D	10/03/2025
MW-3	Q3254-05	VV039254.D	10/03/2025
MW-4	Q3254-07	VV039255.D	10/03/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: LOCK01

Lab Code: ACE | SDG NO.: Q3254

Lab File ID: VV039134.D | BFB Injection Date: 09/22/2025

Instrument ID: MSVOA_V | BFB Injection Time: 10:15

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.6
75	30.0 - 60.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	1.1 (1.6) 1
174	50.0 - 100.0% of mass 95	73.3
175	5.0 - 9.0% of mass 174	5.5 (7.5) 1
176	95.0 - 101.0% of mass 174	70.4 (96) 1
177	5.0 - 9.0% of mass 176	4.4 (6.3) 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
VSTDICC010	VSTDICC010	VV039137.D	09/22/2025	12:26
VSTDICC020	VSTDICC020	VV039138.D	09/22/2025	12:48
VSTDICCC050	VSTDICCC050	VV039139.D	09/22/2025	13:26
VSTDICC100	VSTDICC100	VV039140.D	09/22/2025	13:49
VSTDICC005	VSTDICC005	VV039142.D	09/22/2025	15:37
VSTDICC001	VSTDICC001	VV039143.D	09/22/2025	16:35

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: LOCK01

Lab Code: ACE | SDG NO.: Q3254

Lab File ID: VV039241.D | BFB Injection Date: 10/03/2025

Instrument ID: MSVOA_V | BFB Injection Time: 08:26

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.6
75	30.0 - 60.0% of mass 95	49.5
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 (1.3) 1
174	50.0 - 100.0% of mass 95	78
175	5.0 - 9.0% of mass 174	5.5 (7) 1
176	95.0 - 101.0% of mass 174	74.9 (96) 1
177	5.0 - 9.0% of mass 176	5 (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
VSTDCCC050	VSTDCCC050	VV039242.D	10/03/2025	08:53
VV1003WBL01	VV1003WBL01	VV039244.D	10/03/2025	11:26
VV1003WBS01	VV1003WBS01	VV039245.D	10/03/2025	13:07
VV1003WBSD01	VV1003WBSD01	VV039246.D	10/03/2025	13:29
TRIP-BLANK	Q3254-09	VV039251.D	10/03/2025	15:49
MW-1	Q3254-01	VV039252.D	10/03/2025	16:11
MW-2	Q3254-03	VV039253.D	10/03/2025	16:34
MW-3	Q3254-05	VV039254.D	10/03/2025	16:56
MW-4	Q3254-07	VV039255.D	10/03/2025	17:19

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: LOCK01

Lab Code: ACE SDG NO.: Q3254

Lab File ID: VV039242.D Date Analyzed: 10/03/2025

Instrument ID: MSVOA_V Time Analyzed: 08:53

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	504801	4.60	717875	5.53	718198	8.77
UPPER LIMIT	1009600	5.096	1435750	6.032	1436400	9.273
LOWER LIMIT	252401	4.096	358938	5.032	359099	8.273
EPA SAMPLE NO.						
MW-1	361761	4.60	619136	5.54	640562	8.78
MW-2	308662	4.60	515390	5.54	544820	8.78
MW-3	448224	4.60	801027	5.54	823576	8.78
MW-4	392891	4.60	674176	5.54	694020	8.78
TRIP-BLANK	330074	4.60	558191	5.54	580452	8.78
VV1003WBL01	501875	4.60	854024	5.53	854306	8.78
VV1003WBS01	559480	4.60	866328	5.53	845304	8.77
VV1003WBSD01	530712	4.60	834883	5.54	807929	8.78

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: LOCK01

Lab Code: ACE SDG NO.: Q3254

Lab File ID: VV039242.D Date Analyzed: 10/03/2025

Instrument ID: MSVOA_V Time Analyzed: 08:53

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	467640	11.172				
UPPER LIMIT	935280	11.672				
LOWER LIMIT	233820	10.672				
EPA SAMPLE NO.						
MW-1	308059	11.18				
MW-2	261173	11.17				
MW-3	400173	11.17				
MW-4	336486	11.17				
TRIP-BLANK	279370	11.18				
VV1003WBL01	433083	11.17				
VV1003WBS01	506399	11.17				
VV1003WBSD01	481201	11.17				

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

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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Ansonia Landfill 2025	Date Received:	
Client Sample ID:	VV1003WBL01	SDG No.:	Q3254
Lab Sample ID:	VV1003WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039244.D	1	10/03/25 11:26	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	5.00	U	0.83	5.00	ug/L
67-64-1	Acetone	5.00	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	5.00	U	0.66	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	1.00	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	1.00	U	0.19	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L

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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Ansonia Landfill 2025	Date Received:	
Client Sample ID:	VV1003WBL01	SDG No.:	Q3254
Lab Sample ID:	VV1003WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039244.D	1	10/03/25 11:26	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	1.00	U	0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
74-88-4	Methyl Iodide	5.00	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	5.00	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.7		74 - 125	103%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	44.6		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.2		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	502000	4.6			
540-36-3	1,4-Difluorobenzene	854000	5.532			
3114-55-4	Chlorobenzene-d5	854000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	433000	11.172			

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

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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Ansonia Landfill 2025	Date Received:	
Client Sample ID:	VV1003WBS01	SDG No.:	Q3254
Lab Sample ID:	VV1003WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039245.D	1	10/03/25 13:07	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	17.5		0.26	1.00	ug/L
75-00-3	Chloroethane	18.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.1		0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.23	1.00	ug/L
107-13-1	Acrylonitrile	88.9		0.83	5.00	ug/L
67-64-1	Acetone	91.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.0		0.21	1.00	ug/L
75-09-2	Methylene Chloride	19.9		0.28	1.00	ug/L
108-05-4	Vinyl Acetate	88.0		0.66	5.00	ug/L
78-93-3	2-Butanone	89.1		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.2		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.3		0.22	1.00	ug/L
67-66-3	Chloroform	18.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.2		0.20	1.00	ug/L
71-43-2	Benzene	19.4		0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
74-95-3	Dibromomethane	19.8		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	19.3		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	20.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.1		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.9		0.16	1.00	ug/L
591-78-6	2-Hexanone	91.8		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.2		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	20.3		0.19	1.00	ug/L
100-41-4	Ethyl Benzene	20.2		0.13	1.00	ug/L

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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Ansonia Landfill 2025	Date Received:	
Client Sample ID:	VV1003WBS01	SDG No.:	Q3254
Lab Sample ID:	VV1003WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039245.D	1	10/03/25 13:07	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	64.6		0.36	3.00	ug/L
100-42-5	Styrene	19.7		0.15	1.00	ug/L
75-25-2	Bromoform	21.5		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.2		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.1		0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.3		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.7		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		0.53	1.00	ug/L
74-88-4	Methyl Iodide	22.0		0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	19.0		0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.7		74 - 125	83%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	45.8		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	559000	4.596			
540-36-3	1,4-Difluorobenzene	866000	5.532			
3114-55-4	Chlorobenzene-d5	845000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	506000	11.172			

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

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Fax : 908 789 8922

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Ansonia Landfill 2025	Date Received:	
Client Sample ID:	VV1003WBSD01	SDG No.:	Q3254
Lab Sample ID:	VV1003WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039246.D	1	10/03/25 13:29	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	17.0		0.26	1.00	ug/L
75-00-3	Chloroethane	17.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.8		0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.7		0.23	1.00	ug/L
107-13-1	Acrylonitrile	94.7		0.83	5.00	ug/L
67-64-1	Acetone	93.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.9		0.21	1.00	ug/L
75-09-2	Methylene Chloride	20.2		0.28	1.00	ug/L
108-05-4	Vinyl Acetate	92.0		0.66	5.00	ug/L
78-93-3	2-Butanone	93.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.6		0.22	1.00	ug/L
67-66-3	Chloroform	18.2		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.4		0.20	1.00	ug/L
71-43-2	Benzene	19.3		0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.1		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.1		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	19.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	20.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.1		0.16	1.00	ug/L
591-78-6	2-Hexanone	95.2		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.4		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.2		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	20.7		0.19	1.00	ug/L
100-41-4	Ethyl Benzene	20.2		0.13	1.00	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Ansonia Landfill 2025	Date Received:	
Client Sample ID:	VV1003WBSD01	SDG No.:	Q3254
Lab Sample ID:	VV1003WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039246.D	1	10/03/25 13:29	VV100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	65.1		0.36	3.00	ug/L
100-42-5	Styrene	19.6		0.15	1.00	ug/L
75-25-2	Bromoform	22.2		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.8		0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.5		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.6		0.53	1.00	ug/L
74-88-4	Methyl Iodide	22.2		0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	19.5		0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	42.8		74 - 125	86%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	45.3		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.2		77 - 121	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	531000	4.603			
540-36-3	1,4-Difluorobenzene	835000	5.535			
3114-55-4	Chlorobenzene-d5	808000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	481000	11.172			

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: LOCK01

Lab Code: ACE SDG No.: Q3254

Instrument ID: MSVOA_V Calibration Date(s): 09/22/2025 09/22/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:26 16:35

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF010 = VV039137.D RRF020 = VV039138.D RRF050 = VV039139.D
RRF100 = VV039140.D RRF005 = VV039142.D RRF001 = VV039143.D

COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF005	RRF001	$\overline{RRF}$	% RSD
Vinyl Chloride	1.007	0.856	0.836	0.801	0.932	1.026	0.910	10.3
Chloroethane	0.662	0.568	0.533	0.500	0.606	0.915	0.631	23.8
Trichlorofluoromethane	1.394	1.253	1.193	1.151	1.365	1.546	1.317	11.2
1,1-Dichloroethene	0.804	0.721	0.674	0.663	0.789	0.873	0.754	10.9
Acrylonitrile	0.507	0.462	0.436	0.427	0.522	0.587	0.490	12.4
Acetone	0.537	0.458	0.449	0.414	0.569	0.712	0.523	20.8
Carbon Disulfide	2.453	2.181	2.081	1.986	2.462	2.670	2.306	11.4
Methylene Chloride	0.930	0.848	0.779	0.742	1.113	1.987	1.066	44
Vinyl Acetate	2.393	2.241	2.204	2.128	2.313	2.243	2.254	4
2-Butanone	0.604	0.584	0.586	0.580	0.570	0.554	0.579	2.9
Carbon Tetrachloride	0.742	0.710	0.703	0.675	0.736	0.890	0.743	10.2
cis-1,2-Dichloroethene	0.908	0.842	0.868	0.860	0.832	1.001	0.885	7.1
Bromochloromethane	0.836	0.753	0.679	0.637	0.525	0.743	0.696	15.5
Chloroform	1.752	1.570	1.490	1.433	1.746	1.880	1.645	10.6
1,1,1-Trichloroethane	1.562	1.321	1.298	1.263	1.513	1.590	1.424	10.3
Benzene	2.077	1.978	1.990	1.931	1.963	1.936	1.979	2.7
1,2-Dichloropropane	0.509	0.519	0.502	0.486	0.471	0.465	0.492	4.4
Dibromomethane	0.392	0.367	0.368	0.354	0.381	0.396	0.376	4.4
Bromodichloromethane	0.832	0.764	0.753	0.725	0.767	0.829	0.778	5.5
4-Methyl-2-Pentanone	0.715	0.736	0.732	0.714	0.613	0.459	0.661	16.5
Toluene	1.211	1.199	1.229	1.214	1.130	0.901	1.147	10.9
t-1,3-Dichloropropene	0.701	0.696	0.728	0.753	0.645	0.548	0.678	10.8
cis-1,3-Dichloropropene	0.803	0.777	0.811	0.803	0.704	0.595	0.749	11.4
2-Hexanone	0.505	0.534	0.546	0.533	0.429	0.231	0.463	26.2
Dibromochloromethane	0.605	0.570	0.567	0.558	0.598	0.620	0.586	4.2
1,2-Dibromoethane	0.556	0.538	0.529	0.514	0.535	0.484	0.526	4.7
Tetrachloroethene	0.435	0.412	0.412	0.407	0.431	0.415	0.419	2.7
Chlorobenzene	1.403	1.368	1.383	1.358	1.417	1.428	1.393	2
1,1,1,2-Tetrachloroethane	0.520	0.488	0.488	0.477	0.504	0.543	0.503	4.8
Ethyl Benzene	2.028	2.143	2.382	2.418	1.953	1.725	2.108	12.5

* 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.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: LOCK01

Lab Code: ACE SDG No.: Q3254

Instrument ID: MSVOA_V Calibration Date(s): 09/22/2025 09/22/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:26 16:35

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF010 = VV039137.D RRF020 = VV039138.D RRF050 = VV039139.D
RRF100 = VV039140.D RRF005 = VV039142.D RRF001 = VV039143.D

COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF005	RRF001	$\overline{RRF}$	% RSD
m/p-Xylenes	0.820	0.882	0.949	0.938	0.713	0.580	0.814	17.7
o-Xylene	0.703	0.742	0.846	0.880	0.635	0.518	0.720	18.7
Styrene	1.239	1.381	1.553	1.537	1.038	0.828	1.263	22.8
Bromoform	0.396	0.384	0.396	0.400	0.385	0.397	0.393	1.7
1,1,2,2-Tetrachloroethane	1.600	1.461	1.425	1.389	1.684	1.975	1.589	13.8
1,2,3-Trichloropropane	1.136	1.048	1.049	1.023	1.201	1.375	1.138	11.7
1,4-Dichlorobenzene	2.070	1.951	1.934	1.919	2.139	2.522	2.089	11
1,2-Dichlorobenzene	1.751	1.652	1.738	1.802	1.797	1.935	1.779	5.3
1,2-Dibromo-3-Chloropropane	0.299	0.283	0.285	0.302	0.333	0.476	0.330	22.4
1,2-Dichloroethane-d4	0.773	0.663	0.646	0.618	0.919		0.724	17.1
Dibromofluoromethane	0.435	0.382	0.377	0.360	0.454		0.402	10.1
Toluene-d8	1.166	1.092	1.136	1.097	1.411		1.181	11.2
4-Bromofluorobenzene	0.481	0.464	0.507	0.501	0.477		0.486	3.6
Methyl Iodide	0.772	0.742	0.786	0.793	0.638		0.746	8.5
trans-1,4-Dichloro-2-butene	0.478	0.451	0.495	0.521	0.427		0.474	7.8

* 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.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: LOCK01

Lab Code: ACE SDG No.: Q3254

Instrument ID: MSVOA_V Calibration Date/Time: 10/03/2025 08:53

Lab File ID: VV039242.D Init. Calib. Date(s): 09/22/2025 09/22/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:26 16:35

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.910	0.797		-12.42	20
Chloroethane	0.631	0.533		-15.53	20
Trichlorofluoromethane	1.317	1.296		-1.6	20
1,1-Dichloroethene	0.754	0.737		-2.26	20
Acrylonitrile	0.490	0.450		-8.16	20
Acetone	0.523	0.465		-11.09	20
Carbon Disulfide	2.306	1.914		-17	20
Methylene Chloride	1.066	0.842		-21.01	20
Vinyl Acetate	2.254	2.045		-9.27	20
2-Butanone	0.579	0.545		-5.87	20
Carbon Tetrachloride	0.743	0.816		9.82	20
cis-1,2-Dichloroethene	0.885	0.850		-3.95	20
Bromochloromethane	0.696	0.695		-0.14	20
Chloroform	1.645	1.541		-6.32	20
1,1,1-Trichloroethane	1.424	1.326		-6.88	20
Benzene	1.979	2.157		8.99	20
1,2-Dichloropropane	0.492	0.557		13.21	20
Dibromomethane	0.376	0.419		11.44	20
Bromodichloromethane	0.778	0.870		11.82	20
4-Methyl-2-Pentanone	0.661	0.770		16.49	20
Toluene	1.147	1.390		21.19	20
t-1,3-Dichloropropene	0.678	0.811		19.62	20
cis-1,3-Dichloropropene	0.749	0.891		18.96	20
2-Hexanone	0.463	0.579		25.05	20
Dibromochloromethane	0.586	0.698		19.11	20
1,2-Dibromoethane	0.526	0.621		18.06	20
Tetrachloroethene	0.419	0.472		12.65	20
Chlorobenzene	1.393	1.547	0.3	10.98	20
1,1,1,2-Tetrachloroethane	0.503	0.582		15.71	20
Ethyl Benzene	2.108	2.531		20.07	20
m/p-Xylenes	0.814	1.051		29.11	20
o-Xylene	0.720	0.926		28.61	20
Styrene	1.263	1.770		40.14	20
Bromoform	0.393	0.490	0.1	24.68	20
1,1,2,2-Tetrachloroethane	1.589	1.472	0.3	-7.36	20
1,2,3-Trichloropropane	1.138	1.053		-7.47	20
1,4-Dichlorobenzene	2.089	2.097		0.38	20
1,2-Dichlorobenzene	1.779	1.851		4.05	20

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: LOCK01

Lab Code: ACE SDG No.: Q3254

Instrument ID: MSVOA_V Calibration Date/Time: 10/03/2025 08:53

Lab File ID: VV039242.D Init. Calib. Date(s): 09/22/2025 09/22/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:26 16:35

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dibromo-3-Chloropropane	0.330	0.287		-13.03	20
1,2-Dichloroethane-d4	0.724	0.604		-16.58	20
Dibromofluoromethane	0.402	0.442		9.95	20
Toluene-d8	1.181	1.194		1.1	20
4-Bromofluorobenzene	0.486	0.586		20.58	20
Methyl Iodide	0.746	0.854		14.48	20
trans-1,4-Dichloro-2-butene	0.474	0.497		4.85	20

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