



LAB CHRONICLE

OrderID:	Q3238	OrderDate:	9/29/2025 1:34:00 PM
Client:	Yannuzzi Group, Inc.	Project:	Edison Yard
Contact:	Alyssa Yannuzzi	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3238-01	RCA	SOIL	VOC-TCLVOA-10	8260D	09/18/25		09/29/25	09/29/25
Q3238-01RE	RCARE	SOIL	VOC-TCLVOA-10	8260D	09/18/25		09/30/25	09/29/25

Hit Summary Sheet
SW-846

SDG No.: Q3238
Client: Yannuzzi Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q3238-01	RCA RCA	SOIL	Acetone	11.8	J	4.60	24.4	ug/Kg
			Total Voc :	11.8				
			Total Concentration:	11.8				
Client ID: Q3238-01RE	RCARE RCARE	SOIL	Acetone	13.5	J	4.70	25.0	ug/Kg
			Total Voc :	13.5				
			Total Concentration:	13.5				



SAMPLE DATA

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	09/18/25	
Project:	Edison Yard		Date Received:	09/29/25	
Client Sample ID:	RCA		SDG No.:	Q3238	
Lab Sample ID:	Q3238-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	100	
Sample Wt/Vol:	5.12	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032294.D	1	09/29/25 14:16	VW092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	4.90	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.90	ug/Kg
75-01-4	Vinyl Chloride	0.77	U	0.77	4.90	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	4.90	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	4.90	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	4.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1.00	4.90	ug/Kg
75-35-4	1,1-Dichloroethene	0.98	U	0.98	4.90	ug/Kg
67-64-1	Acetone	11.8	J	4.60	24.4	ug/Kg
75-15-0	Carbon Disulfide	1.00	U	1.00	4.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.71	U	0.71	4.90	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	4.90	ug/Kg
75-09-2	Methylene Chloride	3.40	U	3.40	9.80	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.84	U	0.84	4.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.78	U	0.78	4.90	ug/Kg
110-82-7	Cyclohexane	0.77	U	0.77	4.90	ug/Kg
78-93-3	2-Butanone	6.40	U	6.40	24.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.95	U	0.95	4.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.73	U	0.73	4.90	ug/Kg
74-97-5	Bromochloromethane	1.10	U	1.10	4.90	ug/Kg
67-66-3	Chloroform	0.82	U	0.82	4.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.91	U	0.91	4.90	ug/Kg
108-87-2	Methylcyclohexane	0.89	U	0.89	4.90	ug/Kg
71-43-2	Benzene	0.77	U	0.77	4.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.77	U	0.77	4.90	ug/Kg
79-01-6	Trichloroethene	0.79	U	0.79	4.90	ug/Kg
78-87-5	1,2-Dichloropropane	0.89	U	0.89	4.90	ug/Kg
75-27-4	Bromodichloromethane	0.76	U	0.76	4.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.50	U	3.50	24.4	ug/Kg
108-88-3	Toluene	0.76	U	0.76	4.90	ug/Kg

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	09/18/25	
Project:	Edison Yard		Date Received:	09/29/25	
Client Sample ID:	RCA		SDG No.:	Q3238	
Lab Sample ID:	Q3238-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	100	
Sample Wt/Vol:	5.12	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032294.D	1	09/29/25 14:16	VW092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.63	U	0.63	4.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.61	U	0.61	4.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.90	U	0.90	4.90	ug/Kg
591-78-6	2-Hexanone	3.60	U	3.60	24.4	ug/Kg
124-48-1	Dibromochloromethane	0.85	U	0.85	4.90	ug/Kg
106-93-4	1,2-Dibromoethane	0.86	U	0.86	4.90	ug/Kg
127-18-4	Tetrachloroethene	1.00	U	1.00	4.90	ug/Kg
108-90-7	Chlorobenzene	0.89	U	0.89	4.90	ug/Kg
100-41-4	Ethyl Benzene	0.65	U	0.65	4.90	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	9.80	ug/Kg
95-47-6	o-Xylene	0.80	U	0.80	4.90	ug/Kg
100-42-5	Styrene	0.69	U	0.69	4.90	ug/Kg
75-25-2	Bromoform	0.84	U	0.84	4.90	ug/Kg
98-82-8	Isopropylbenzene	0.76	U	0.76	4.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	4.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	4.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	1.50	4.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.40	U	1.40	4.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	4.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.90	U	2.90	4.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.10	U	3.10	4.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.0		70 (63) - 130 (155)	120%	SPK: 50
1868-53-7	Dibromofluoromethane	26.8	*	70 (70) - 130 (134)	54%	SPK: 50
2037-26-5	Toluene-d8	51.0		70 (74) - 130 (123)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.2		70 (17) - 130 (146)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	167000	7.959			
540-36-3	1,4-Difluorobenzene	358000	8.849			
3114-55-4	Chlorobenzene-d5	380000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	175000	13.556			

Report of Analysis

Client:	Yannuzzi Group, Inc.	Date Collected:	09/18/25
Project:	Edison Yard	Date Received:	09/29/25
Client Sample ID:	RCA	SDG No.:	Q3238
Lab Sample ID:	Q3238-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032294.D	1	09/29/25 14:16	VW092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	Yannuzzi Group, Inc.		Date Collected:	09/18/25	
Project:	Edison Yard		Date Received:	09/29/25	
Client Sample ID:	RCARE		SDG No.:	Q3238	
Lab Sample ID:	Q3238-01RE		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	100	
Sample Wt/Vol:	5	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032302.D	1	09/30/25 14:52	VW093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	13.5	J	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	09/18/25	
Project:	Edison Yard		Date Received:	09/29/25	
Client Sample ID:	RCARE		SDG No.:	Q3238	
Lab Sample ID:	Q3238-01RE		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	100	
Sample Wt/Vol:	5	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032302.D	1	09/30/25 14:52	VW093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.8		70 (63) - 130 (155)	122%	SPK: 50
1868-53-7	Dibromofluoromethane	23.5	*	70 (70) - 130 (134)	47%	SPK: 50
2037-26-5	Toluene-d8	48.9		70 (74) - 130 (123)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.7		70 (17) - 130 (146)	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	176000	7.959			
540-36-3	1,4-Difluorobenzene	403000	8.849			
3114-55-4	Chlorobenzene-d5	393000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	199000	13.556			



QC SUMMARY

Surrogate Summary

SDG No.: **Q3238**

Client: **Yannuzzi Group, Inc.**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3238-01	RCA	1,2-Dichloroethane-d4	50	60.0	120		70 (63)	130 (155)
		Dibromofluoromethane	50	26.8	54	*	70 (70)	130 (134)
		Toluene-d8	50	51.0	102		70 (74)	130 (123)
		4-Bromofluorobenzene	50	48.2	96		70 (17)	130 (146)
Q3238-01RE	RCARE	1,2-Dichloroethane-d4	50	60.8	122		70 (63)	130 (155)
		Dibromofluoromethane	50	23.5	47	*	70 (70)	130 (134)
		Toluene-d8	50	48.9	98		70 (74)	130 (123)
		4-Bromofluorobenzene	50	45.7	91		70 (17)	130 (146)
VW0929SBL01	VW0929SBL01	1,2-Dichloroethane-d4	50	62.9	126		70 (63)	130 (155)
		Dibromofluoromethane	50	50.9	102		70 (70)	130 (134)
		Toluene-d8	50	51.9	104		70 (74)	130 (123)
		4-Bromofluorobenzene	50	49.6	99		70 (17)	130 (146)
VW0929SBS01	VW0929SBS01	1,2-Dichloroethane-d4	50	49.1	98		70 (63)	130 (155)
		Dibromofluoromethane	50	48.6	97		70 (70)	130 (134)
		Toluene-d8	50	50.3	101		70 (74)	130 (123)
		4-Bromofluorobenzene	50	51.6	103		70 (17)	130 (146)
VW0929SBSD0	VW0929SBSD01	1,2-Dichloroethane-d4	50	48.9	98		70 (63)	130 (155)
		Dibromofluoromethane	50	47.0	94		70 (70)	130 (134)
		Toluene-d8	50	48.8	97		70 (74)	130 (123)
		4-Bromofluorobenzene	50	48.8	98		70 (17)	130 (146)
VW0930SBL01	VW0930SBL01	1,2-Dichloroethane-d4	50	57.0	114		70 (63)	130 (155)
		Dibromofluoromethane	50	50.2	100		70 (70)	130 (134)
		Toluene-d8	50	51.1	102		70 (74)	130 (123)
		4-Bromofluorobenzene	50	46.1	92		70 (17)	130 (146)
VW0930SBS01	VW0930SBS01	1,2-Dichloroethane-d4	50	49.9	100		70 (63)	130 (155)
		Dibromofluoromethane	50	46.7	93		70 (70)	130 (134)
		Toluene-d8	50	46.6	93		70 (74)	130 (123)
		4-Bromofluorobenzene	50	46.6	93		70 (17)	130 (146)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3238	SW-846	Analytical Method:	SW8260D
Client:	Yannuzzi Group, Inc.	Datafile :	VW032290.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW0929SBS01	Dichlorodifluoromethane	20	23.1	ug/Kg	116			40 (64)	160 (136)	
	Chloromethane	20	20.7	ug/Kg	104			40 (52)	160 (151)	
	Vinyl chloride	20	22.3	ug/Kg	112			70 (56)	130 (148)	
	Bromomethane	20	22.5	ug/Kg	113			40 (58)	160 (141)	
	Chloroethane	20	20.9	ug/Kg	104			40 (69)	160 (130)	
	Trichlorofluoromethane	20	17.3	ug/Kg	86			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	21.4	ug/Kg	107			70 (81)	130 (123)	
	1,1-Dichloroethene	20	21.3	ug/Kg	106			70 (79)	130 (121)	
	Acetone	100	110	ug/Kg	110			40 (40)	160 (171)	
	Carbon disulfide	20	22.5	ug/Kg	113			40 (59)	160 (130)	
	Methyl tert-butyl Ether	20	21.3	ug/Kg	106			70 (77)	130 (129)	
	Methyl Acetate	20	18.5	ug/Kg	93			70 (69)	130 (149)	
	Methylene Chloride	20	19.5	ug/Kg	98			70 (72)	130 (131)	
	trans-1,2-Dichloroethene	20	21.8	ug/Kg	109			70 (80)	130 (123)	
	1,1-Dichloroethane	20	21.8	ug/Kg	109			70 (82)	130 (123)	
	Cyclohexane	20	21.7	ug/Kg	109			70 (76)	130 (122)	
	2-Butanone	100	110	ug/Kg	110			40 (69)	160 (131)	
	Carbon Tetrachloride	20	21.7	ug/Kg	109			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	21.3	ug/Kg	106			70 (82)	130 (123)	
	Bromochloromethane	20	21.5	ug/Kg	108			70 (80)	130 (127)	
	Chloroform	20	21.8	ug/Kg	109			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	21.5	ug/Kg	108			70 (80)	130 (126)	
	Methylcyclohexane	20	20.9	ug/Kg	104			70 (77)	130 (123)	
	Benzene	20	21.4	ug/Kg	107			70 (84)	130 (121)	
	1,2-Dichloroethane	20	21.3	ug/Kg	106			70 (81)	130 (126)	
	Trichloroethene	20	21.1	ug/Kg	106			70 (83)	130 (122)	
	1,2-Dichloropropane	20	21.0	ug/Kg	105			70 (83)	130 (122)	
	Bromodichloromethane	20	21.0	ug/Kg	105			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			40 (70)	160 (135)	
	Toluene	20	21.5	ug/Kg	108			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	21.5	ug/Kg	108			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	21.7	ug/Kg	109			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.4	ug/Kg	102			70 (82)	130 (125)	
	2-Hexanone	100	100	ug/Kg	100			40 (66)	160 (138)	
	Dibromochloromethane	20	21.1	ug/Kg	106			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.7	ug/Kg	104			70 (80)	130 (125)	
	Tetrachloroethene	20	21.6	ug/Kg	108			70 (83)	130 (125)	
	Chlorobenzene	20	20.9	ug/Kg	104			70 (84)	130 (122)	
	Ethyl Benzene	20	21.1	ug/Kg	106			70 (82)	130 (124)	
	m/p-Xylenes	40	42.6	ug/Kg	106			70 (83)	130 (124)	
	o-Xylene	20	20.9	ug/Kg	104			70 (83)	130 (123)	
	Styrene	20	21.9	ug/Kg	110			70 (82)	130 (124)	
	Bromoform	20	20.3	ug/Kg	102			70 (75)	130 (127)	
	Isopropylbenzene	20	20.9	ug/Kg	104			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	20.1	ug/Kg	101			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	21.2	ug/Kg	106			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	21.2	ug/Kg	106			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	20.7	ug/Kg	104			70 (83)	130 (124)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3238</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Yannuzzi Group, Inc.</u>	Datafile :	<u>VW032290.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW0929SBS01	1,2-Dibromo-3-Chloropropane	20	20.0	ug/Kg	100			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	19.3	ug/Kg	97			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	20.5	ug/Kg	103			70 (70)	130 (137)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	<u>Q3238</u>	SW-846	Analytical Method:	<u>SW8260D</u>
Client:	<u>Yannuzzi Group, Inc.</u>	Datafile :		<u>VW032291.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW0929SBSD01	Dichlorodifluoromethane	20	22.9	ug/Kg	115	1		40 (64)	160 (136)	30 (20)
	Chloromethane	20	20.7	ug/Kg	104	0		40 (52)	160 (151)	30 (20)
	Vinyl chloride	20	21.0	ug/Kg	105	6		70 (56)	130 (148)	30 (20)
	Bromomethane	20	20.5	ug/Kg	103	9		40 (58)	160 (141)	30 (20)
	Chloroethane	20	20.8	ug/Kg	104	0		40 (69)	160 (130)	30 (20)
	Trichlorofluoromethane	20	18.9	ug/Kg	95	10		40 (69)	160 (134)	30 (20)
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/Kg	102	5		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	19.5	ug/Kg	98	8		70 (79)	130 (121)	30 (20)
	Acetone	100	100	ug/Kg	100	10		40 (40)	160 (171)	30 (20)
	Carbon disulfide	20	20.7	ug/Kg	104	8		40 (59)	160 (130)	30 (20)
	Methyl tert-butyl Ether	20	20.4	ug/Kg	102	4		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	18.4	ug/Kg	92	1		70 (69)	130 (149)	30 (20)
	Methylene Chloride	20	15.7	ug/Kg	79	21		70 (72)	130 (131)	30 (20)
	trans-1,2-Dichloroethene	20	20.5	ug/Kg	103	6		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	20.9	ug/Kg	104	5		70 (82)	130 (123)	30 (20)
	Cyclohexane	20	21.1	ug/Kg	106	3		70 (76)	130 (122)	30 (20)
	2-Butanone	100	98.2	ug/Kg	98	12		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	21.0	ug/Kg	105	4		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	20.4	ug/Kg	102	4		70 (82)	130 (123)	30 (20)
	Bromochloromethane	20	20.8	ug/Kg	104	4		70 (80)	130 (127)	30 (20)
	Chloroform	20	20.8	ug/Kg	104	5		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	20.7	ug/Kg	104	4		70 (80)	130 (126)	30 (20)
	Methylcyclohexane	20	20.4	ug/Kg	102	2		70 (77)	130 (123)	30 (20)
	Benzene	20	20.7	ug/Kg	104	3		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	20.2	ug/Kg	101	5		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	21.0	ug/Kg	105	1		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	20.5	ug/Kg	103	2		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	20.3	ug/Kg	102	3		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	100	ug/Kg	100	0		40 (70)	160 (135)	30 (20)
	Toluene	20	20.5	ug/Kg	103	5		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	20.3	ug/Kg	102	6		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	20.9	ug/Kg	104	5		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	19.9	ug/Kg	100	2		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	100	ug/Kg	100	0		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	19.8	ug/Kg	99	7		70 (79)	130 (125)	30 (20)
	1,2-Dibromoethane	20	19.9	ug/Kg	100	4		70 (80)	130 (125)	30 (20)
	Tetrachloroethene	20	21.8	ug/Kg	109	1		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	21.9	ug/Kg	110	6		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	21.6	ug/Kg	108	2		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	43.7	ug/Kg	109	3		70 (83)	130 (124)	30 (20)
	o-Xylene	20	21.9	ug/Kg	110	6		70 (83)	130 (123)	30 (20)
	Styrene	20	22.4	ug/Kg	112	2		70 (82)	130 (124)	30 (20)
	Bromoform	20	20.9	ug/Kg	104	2		70 (75)	130 (127)	30 (20)
	Isopropylbenzene	20	21.6	ug/Kg	108	4		70 (82)	130 (124)	30 (20)
	1,1,2,2-Tetrachloroethane	20	21.2	ug/Kg	106	5		70 (77)	130 (127)	30 (20)
	1,3-Dichlorobenzene	20	22.2	ug/Kg	111	5		70 (83)	130 (122)	30 (20)
	1,4-Dichlorobenzene	20	22.8	ug/Kg	114	7		70 (84)	130 (121)	30 (20)
	1,2-Dichlorobenzene	20	22.2	ug/Kg	111	7		70 (83)	130 (124)	30 (20)

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3238</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Yannuzzi Group, Inc.</u>	Datafile :	<u>VW032291.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW0929SBSD01	1,2-Dibromo-3-Chloropropane	20	21.2	ug/Kg	106	6		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	20.7	ug/Kg	104	7		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	21.0	ug/Kg	105	2		70 (70)	130 (137)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3238	SW-846	Analytical Method:	SW8260D
Client:	Yannuzzi Group, Inc.	Datafile :	VW032300.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW0930SBS01	Dichlorodifluoromethane	20	21.5	ug/Kg	108			40 (64)	160 (136)	
	Chloromethane	20	21.9	ug/Kg	110			40 (52)	160 (151)	
	Vinyl chloride	20	22.4	ug/Kg	112			70 (56)	130 (148)	
	Bromomethane	20	22.8	ug/Kg	114			40 (58)	160 (141)	
	Chloroethane	20	21.6	ug/Kg	108			40 (69)	160 (130)	
	Trichlorofluoromethane	20	17.6	ug/Kg	88			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	21.2	ug/Kg	106			70 (81)	130 (123)	
	1,1-Dichloroethene	20	21.9	ug/Kg	110			70 (79)	130 (121)	
	Acetone	100	110	ug/Kg	110			40 (40)	160 (171)	
	Carbon disulfide	20	21.8	ug/Kg	109			40 (59)	160 (130)	
	Methyl tert-butyl Ether	20	22.6	ug/Kg	113			70 (77)	130 (129)	
	Methyl Acetate	20	21.8	ug/Kg	109			70 (69)	130 (149)	
	Methylene Chloride	20	20.2	ug/Kg	101			70 (72)	130 (131)	
	trans-1,2-Dichloroethene	20	21.8	ug/Kg	109			70 (80)	130 (123)	
	1,1-Dichloroethane	20	21.8	ug/Kg	109			70 (82)	130 (123)	
	Cyclohexane	20	20.6	ug/Kg	103			70 (76)	130 (122)	
	2-Butanone	100	110	ug/Kg	110			40 (69)	160 (131)	
	Carbon Tetrachloride	20	20.3	ug/Kg	102			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	21.5	ug/Kg	108			70 (82)	130 (123)	
	Bromochloromethane	20	21.9	ug/Kg	110			70 (80)	130 (127)	
	Chloroform	20	21.7	ug/Kg	109			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	21.9	ug/Kg	110			70 (80)	130 (126)	
	Methylcyclohexane	20	19.2	ug/Kg	96			70 (77)	130 (123)	
	Benzene	20	20.5	ug/Kg	103			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.6	ug/Kg	103			70 (81)	130 (126)	
	Trichloroethene	20	20.5	ug/Kg	103			70 (83)	130 (122)	
	1,2-Dichloropropane	20	20.5	ug/Kg	103			70 (83)	130 (122)	
	Bromodichloromethane	20	20.3	ug/Kg	102			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			40 (70)	160 (135)	
	Toluene	20	20.6	ug/Kg	103			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	20.5	ug/Kg	103			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	20.3	ug/Kg	102			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.4	ug/Kg	102			70 (82)	130 (125)	
	2-Hexanone	100	110	ug/Kg	110			40 (66)	160 (138)	
	Dibromochloromethane	20	20.0	ug/Kg	100			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.2	ug/Kg	101			70 (80)	130 (125)	
	Tetrachloroethene	20	21.3	ug/Kg	106			70 (83)	130 (125)	
	Chlorobenzene	20	20.5	ug/Kg	103			70 (84)	130 (122)	
	Ethyl Benzene	20	20.0	ug/Kg	100			70 (82)	130 (124)	
	m/p-Xylenes	40	41.4	ug/Kg	104			70 (83)	130 (124)	
	o-Xylene	20	20.3	ug/Kg	102			70 (83)	130 (123)	
	Styrene	20	21.0	ug/Kg	105			70 (82)	130 (124)	
	Bromoform	20	18.9	ug/Kg	95			70 (75)	130 (127)	
	Isopropylbenzene	20	19.4	ug/Kg	97			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	19.8	ug/Kg	99			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	20.7	ug/Kg	104			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	19.7	ug/Kg	99			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	19.8	ug/Kg	99			70 (83)	130 (124)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3238</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Yannuzzi Group, Inc.</u>	Datafile :	<u>VW032300.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW0930SBS01	1,2-Dibromo-3-Chloropropane	20	19.6	ug/Kg	98			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	19.6	ug/Kg	98			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	19.9	ug/Kg	100			70 (70)	130 (137)	

VOLATILE METHOD BLANK SUMMARY

Client ID

VW0929SBL01

Lab Name: Alliance

Contract: YANN01

Lab Code: ACE

SDG NO.: Q3238

Lab File ID: VW032289.D

Lab Sample ID: VW0929SBL01

Date Analyzed: 09/29/2025

Time Analyzed: 10:18

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW0929SBS01	VW0929SBS01	VW032290.D	09/29/2025
VW0929SBSD01	VW0929SBSD01	VW032291.D	09/29/2025
RCA	Q3238-01	VW032294.D	09/29/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VW0930SBL01

Lab Name: Alliance

Contract: YANN01

Lab Code: ACE

SDG NO.: Q3238

Lab File ID: VW032299.D

Lab Sample ID: VW0930SBL01

Date Analyzed: 09/30/2025

Time Analyzed: 13:25

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW0930SBS01	VW0930SBS01	VW032300.D	09/30/2025
RCARE	Q3238-01RE	VW032302.D	09/30/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VW032257.D
Instrument ID: MSVOA_W
GC Column: RXI-624 ID: 0.25 (mm)

Contract: YANN01
SDG NO.: Q3238
BFB Injection Date: 09/25/2025
BFB Injection Time: 10:01
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19
75	30.0 - 60.0% of mass 95	51
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	66.7
175	5.0 - 9.0% of mass 174	4.9 (7.4) 1
176	95.0 - 101.0% of mass 174	64.4 (96.6) 1
177	5.0 - 9.0% of mass 176	4 (6.2) 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	VW032258.D	09/25/2025	10:45
VSTDIC010	VSTDIC010	VW032259.D	09/25/2025	11:30
VSTDIC020	VSTDIC020	VW032260.D	09/25/2025	11:52
VSTDIC050	VSTDIC050	VW032261.D	09/25/2025	12:24
VSTDIC100	VSTDIC100	VW032262.D	09/25/2025	12:46
VSTDIC150	VSTDIC150	VW032263.D	09/25/2025	13:08

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: YANN01

Lab Code: ACE

SDG NO.: Q3238

Lab File ID: VW032287.D

BFB Injection Date: 09/29/2025

Instrument ID: MSVOA_W

BFB Injection Time: 08:46

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	19.5
75	30.0 - 60.0% of mass 95	50
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	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	67.1
175	5.0 - 9.0% of mass 174	5 (7.4) 1
176	95.0 - 101.0% of mass 174	66.7 (99.3) 1
177	5.0 - 9.0% of mass 176	4.3 (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	VW032288.D	09/29/2025	09:18
VW0929SBL01	VW0929SBL01	VW032289.D	09/29/2025	10:18
VW0929SBS01	VW0929SBS01	VW032290.D	09/29/2025	10:46
VW0929SBSD01	VW0929SBSD01	VW032291.D	09/29/2025	11:09
RCA	Q3238-01	VW032294.D	09/29/2025	14:16

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: YANN01

Lab Code: ACE

SDG NO.: Q3238

Lab File ID: VW032297.D

BFB Injection Date: 09/30/2025

Instrument ID: MSVOA_W

BFB Injection Time: 10:43

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	19.4
75	30.0 - 60.0% of mass 95	50.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	65
175	5.0 - 9.0% of mass 174	5.1 (7.9) 1
176	95.0 - 101.0% of mass 174	61.8 (95.1) 1
177	5.0 - 9.0% of mass 176	3.8 (6.2) 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	VW032298.D	09/30/2025	12:54
VW0930SBL01	VW0930SBL01	VW032299.D	09/30/2025	13:25
VW0930SBS01	VW0930SBS01	VW032300.D	09/30/2025	13:51
RCARE	Q3238-01RE	VW032302.D	09/30/2025	14:52

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: YANN01
Lab Code: ACE SDG NO.: Q3238
Lab File ID: VW032288.D Date Analyzed: 09/29/2025
Instrument ID: MSVOA_W Time Analyzed: 09:18
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	268675	7.96	467141	8.85	421624	11.63
UPPER LIMIT	537350	8.459	934282	9.349	843248	12.129
LOWER LIMIT	134338	7.459	233571	8.349	210812	11.129
EPA SAMPLE NO.						
RCA	166736	7.96	358094	8.85	380188	11.63
VW0929SBL01	170986	7.95	366797	8.85	375398	11.63
VW0929SBS01	225036	7.96	419951	8.85	396829	11.63
VW0929SBSD01	235838	7.97	436378	8.86	387451	11.64

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>YANN01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3238</u>
Lab File ID:	<u>VW032288.D</u>	Date Analyzed:	<u>09/29/2025</u>
Instrument ID:	<u>MSVOA_W</u>	Time Analyzed:	<u>09:18</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	216076	13.556				
UPPER LIMIT	432152	14.056				
LOWER LIMIT	108038	13.056				
EPA SAMPLE NO.						
RCA	175337	13.56				
VW0929SBL01	185238	13.56				
VW0929SBS01	199844	13.56				
VW0929SBSD01	191625	13.56				

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: YANN01
Lab Code: ACE SDG NO.: Q3238
Lab File ID: VW032298.D Date Analyzed: 09/30/2025
Instrument ID: MSVOA_W Time Analyzed: 12:54
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	244399	7.96	443869	8.85	407884	11.63
UPPER LIMIT	488798	8.459	887738	9.349	815768	12.129
LOWER LIMIT	122200	7.459	221935	8.349	203942	11.129
EPA SAMPLE NO.						
RCARE	175613	7.96	403251	8.85	393328	11.63
VW0930SBL01	181583	7.96	391867	8.85	387829	11.63
VW0930SBS01	217107	7.97	424498	8.85	400367	11.63

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>YANN01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3238</u>
Lab File ID:	<u>VW032298.D</u>	Date Analyzed:	<u>09/30/2025</u>
Instrument ID:	<u>MSVOA_W</u>	Time Analyzed:	<u>12:54</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	203513	13.55				
UPPER LIMIT	407026	14.05				
LOWER LIMIT	101757	13.05				
EPA SAMPLE NO.						
RCARE	198744	13.56				
VW0930SBL01	182932	13.56				
VW0930SBS01	206719	13.56				

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:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0929SBL01		SDG No.:	Q3238
Lab Sample ID:	VW0929SBL01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032289.D	1	09/29/25 10:18	VW092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0929SBL01		SDG No.:	Q3238
Lab Sample ID:	VW0929SBL01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032289.D	1	09/29/25 10:18	VW092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.9		70 (63) - 130 (155)	126%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		70 (70) - 130 (134)	102%	SPK: 50
2037-26-5	Toluene-d8	51.9		70 (74) - 130 (123)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		70 (17) - 130 (146)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	171000	7.953			
540-36-3	1,4-Difluorobenzene	367000	8.849			
3114-55-4	Chlorobenzene-d5	375000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	185000	13.556			

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0929SBL01		SDG No.:	Q3238
Lab Sample ID:	VW0929SBL01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032289.D	1	09/29/25 10:18	VW092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0930SBL01		SDG No.:	Q3238
Lab Sample ID:	VW0930SBL01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032299.D	1	09/30/25 13:25	VW093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0930SBL01		SDG No.:	Q3238
Lab Sample ID:	VW0930SBL01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032299.D	1	09/30/25 13:25	VW093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.0		70 (63) - 130 (155)	114%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 (70) - 130 (134)	100%	SPK: 50
2037-26-5	Toluene-d8	51.1		70 (74) - 130 (123)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.1		70 (17) - 130 (146)	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	182000	7.959			
540-36-3	1,4-Difluorobenzene	392000	8.849			
3114-55-4	Chlorobenzene-d5	388000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	183000	13.556			

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0930SBL01		SDG No.:	Q3238
Lab Sample ID:	VW0930SBL01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032299.D	1	09/30/25 13:25	VW093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0929SBS01		SDG No.:	Q3238
Lab Sample ID:	VW0929SBS01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032290.D	1	09/29/25 10:46	VW092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	23.1		1.10	5.00	ug/Kg
74-87-3	Chloromethane	20.7		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	22.3		0.79	5.00	ug/Kg
74-83-9	Bromomethane	22.5		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.9		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	17.3		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.4		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.3		1.00	5.00	ug/Kg
67-64-1	Acetone	110		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	22.5		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.3		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	18.5		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	19.5		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.8		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.8		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	21.7		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.7		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.3		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.5		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.8		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.5		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.9		0.91	5.00	ug/Kg
71-43-2	Benzene	21.4		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.3		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.1		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.0		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.0		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	21.5		0.78	5.00	ug/Kg

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0929SBS01		SDG No.:	Q3238
Lab Sample ID:	VW0929SBS01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032290.D	1	09/29/25 10:46	VW092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	21.5		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.7		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.4		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	100		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	21.1		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.7		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	21.6		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.9		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	21.1		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	42.6		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.9		0.82	5.00	ug/Kg
100-42-5	Styrene	21.9		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.3		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.9		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.2		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.2		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.7		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.3		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.5		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		70 (63) - 130 (155)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		70 (70) - 130 (134)	97%	SPK: 50
2037-26-5	Toluene-d8	50.3		70 (74) - 130 (123)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		70 (17) - 130 (146)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	225000	7.959			
540-36-3	1,4-Difluorobenzene	420000	8.849			
3114-55-4	Chlorobenzene-d5	397000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	200000	13.556			

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0929SBS01		SDG No.:	Q3238
Lab Sample ID:	VW0929SBS01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032290.D	1	09/29/25 10:46	VW092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0930SBS01		SDG No.:	Q3238
Lab Sample ID:	VW0930SBS01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032300.D	1	09/30/25 13:51	VW093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.5		1.10	5.00	ug/Kg
74-87-3	Chloromethane	21.9		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	22.4		0.79	5.00	ug/Kg
74-83-9	Bromomethane	22.8		1.10	5.00	ug/Kg
75-00-3	Chloroethane	21.6		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	17.6		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.2		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.9		1.00	5.00	ug/Kg
67-64-1	Acetone	110		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	21.8		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.6		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	21.8		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	20.2		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.8		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.8		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.6		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.3		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.5		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.7		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.9		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	19.2		0.91	5.00	ug/Kg
71-43-2	Benzene	20.5		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.6		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.3		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	20.6		0.78	5.00	ug/Kg

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0930SBS01		SDG No.:	Q3238
Lab Sample ID:	VW0930SBS01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032300.D	1	09/30/25 13:51	VW093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.5		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.3		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.4		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.0		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.2		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	21.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.5		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.0		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.4		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.3		0.82	5.00	ug/Kg
100-42-5	Styrene	21.0		0.71	5.00	ug/Kg
75-25-2	Bromoform	18.9		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.4		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.7		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.7		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.8		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.6		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.9		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.9		70 (63) - 130 (155)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	46.7		70 (70) - 130 (134)	93%	SPK: 50
2037-26-5	Toluene-d8	46.7		70 (74) - 130 (123)	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.6		70 (17) - 130 (146)	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	217000	7.965			
540-36-3	1,4-Difluorobenzene	424000	8.849			
3114-55-4	Chlorobenzene-d5	400000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	207000	13.556			

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0930SBS01		SDG No.:	Q3238
Lab Sample ID:	VW0930SBS01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032300.D	1	09/30/25 13:51	VW093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0929SBSD01	SDG No.:	Q3238	
Lab Sample ID:	VW0929SBSD01	Matrix:	SOIL	
Analytical Method:	8260D	% Solid:	100	
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032291.D	1	09/29/25 11:09	VW092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	22.9		1.10	5.00	ug/Kg
74-87-3	Chloromethane	20.7		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	21.0		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.5		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.8		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	18.9		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	19.5		1.00	5.00	ug/Kg
67-64-1	Acetone	100		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.7		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.4		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	18.4		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	15.7		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.5		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.9		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	21.1		0.79	5.00	ug/Kg
78-93-3	2-Butanone	98.2		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.0		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.4		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.8		1.20	5.00	ug/Kg
67-66-3	Chloroform	20.8		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.7		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.4		0.91	5.00	ug/Kg
71-43-2	Benzene	20.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.2		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.0		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.3		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	20.5		0.78	5.00	ug/Kg

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0929SBSD01	SDG No.:	Q3238	
Lab Sample ID:	VW0929SBSD01	Matrix:	SOIL	
Analytical Method:	8260D	% Solid:	100	
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032291.D	1	09/29/25 11:09	VW092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.3		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.9		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	19.9		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	100		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.8		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	19.9		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	21.8		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.9		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	21.6		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	43.7		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.9		0.82	5.00	ug/Kg
100-42-5	Styrene	22.4		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.9		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.6		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.2		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	22.2		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	22.8		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	22.2		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	21.2		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.7		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	21.0		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.9		70 (63) - 130 (155)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	47.0		70 (70) - 130 (134)	94%	SPK: 50
2037-26-5	Toluene-d8	48.7		70 (74) - 130 (123)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		70 (17) - 130 (146)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	236000	7.965			
540-36-3	1,4-Difluorobenzene	436000	8.855			
3114-55-4	Chlorobenzene-d5	387000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	192000	13.556			

Report of Analysis

Client:	Yannuzzi Group, Inc.		Date Collected:	
Project:	Edison Yard		Date Received:	
Client Sample ID:	VW0929SBSD01		SDG No.:	Q3238
Lab Sample ID:	VW0929SBSD01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032291.D	1	09/29/25 11:09	VW092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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: Alliance

Contract: YANN01

Lab Code: ACE

SDG No.: Q3238

Instrument ID: MSVOA_W

Calibration Date(s): 09/25/2025 09/25/2025

Heated Purge: (Y/N) Y

Calibration Time(s): 10:45 13:08

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

LAB FILE ID:	RRF005 = VW032258.D		RRF010 = VW032259.D		RRF020 = VW032260.D			
	RRF050 = VW032261.D		RRF100 = VW032262.D		RRF150 = VW032263.D			
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Dichlorodifluoromethane	0.388	0.399	0.397	0.295	0.295	0.299	0.345	15.6
Chloromethane	0.540	0.557	0.548	0.423	0.439	0.459	0.494	12.3
Vinyl Chloride	0.611	0.628	0.654	0.537	0.514	0.522	0.578	10.5
Bromomethane	0.403	0.424	0.435	0.367	0.360	0.377	0.394	7.9
Chloroethane	0.416	0.408	0.434	0.359	0.356	0.376	0.391	8.3
Trichlorofluoromethane	0.399	0.417	0.519	0.383	0.438	0.455	0.435	11.2
1,1,2-Trichlorotrifluoroethane	0.593	0.587	0.625	0.526	0.495	0.508	0.556	9.5
1,1-Dichloroethene	0.595	0.633	0.670	0.551	0.550	0.565	0.594	8.2
Acetone	0.216	0.252	0.242	0.164	0.162	0.180	0.203	19.6
Carbon Disulfide	1.364	1.439	1.543	1.260	1.262	1.324	1.365	8.1
Methyl tert-butyl Ether	1.055	1.094	1.201	1.071	1.060	1.123	1.101	5
Methyl Acetate	0.637	0.602	0.639	0.738	0.749	0.818	0.697	12
Methylene Chloride	1.758	1.269	0.843	0.747	0.661	0.666	0.991	44.3
trans-1,2-Dichloroethene	0.633	0.668	0.703	0.605	0.602	0.630	0.640	6
1,1-Dichloroethane	1.313	1.343	1.418	1.232	1.201	1.250	1.293	6.2
Cyclohexane	1.132	1.088	1.139	0.912	0.912	0.933	1.019	10.9
2-Butanone	0.282	0.300	0.307	0.252	0.260	0.296	0.283	7.9
Carbon Tetrachloride	0.442	0.462	0.505	0.447	0.452	0.429	0.456	5.8
cis-1,2-Dichloroethene	0.803	0.821	0.843	0.763	0.760	0.789	0.796	4.1
Bromochloromethane	0.662	0.629	0.656	0.589	0.586	0.579	0.617	6
Chloroform	1.400	1.413	1.489	1.286	1.227	1.278	1.349	7.4
1,1,1-Trichloroethane	0.927	0.946	0.985	0.873	0.852	0.869	0.909	5.7
Methylcyclohexane	0.507	0.545	0.596	0.569	0.584	0.564	0.561	5.7
Benzene	1.503	1.545	1.639	1.516	1.515	1.438	1.526	4.3
1,2-Dichloroethane	0.545	0.518	0.537	0.486	0.488	0.470	0.507	6
Trichloroethene	0.343	0.371	0.382	0.346	0.359	0.339	0.357	4.7
1,2-Dichloropropane	0.391	0.408	0.423	0.393	0.384	0.372	0.395	4.5
Bromodichloromethane	0.549	0.544	0.577	0.558	0.557	0.541	0.554	2.4
4-Methyl-2-Pentanone	0.327	0.346	0.370	0.324	0.338	0.342	0.341	4.8
Toluene	0.894	0.955	1.010	0.937	0.963	0.916	0.946	4.3

* 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>YANN01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3238</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date(s):	<u>09/25/2025</u> <u>09/25/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Calibration Time(s):	<u>10:45</u> <u>13:08</u>
GC Column:	<u>RXI-624</u> ID: <u>0.25</u> (mm)		

LAB FILE ID:		RRF005 = VW032258.D		RRF010 = VW032259.D		RRF020 = VW032260.D		
		RRF050 = VW032261.D		RRF100 = VW032262.D		RRF150 = VW032263.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.440	0.478	0.521	0.507	0.554	0.547	0.508	8.5
cis-1,3-Dichloropropene	0.525	0.558	0.618	0.590	0.614	0.611	0.586	6.4
1,1,2-Trichloroethane	0.343	0.339	0.359	0.316	0.316	0.318	0.332	5.4
2-Hexanone	0.215	0.224	0.255	0.225	0.236	0.243	0.233	6.1
Dibromochloromethane	0.354	0.352	0.371	0.369	0.377	0.364	0.364	2.7
1,2-Dibromoethane	0.310	0.313	0.337	0.308	0.308	0.309	0.314	3.6
Tetrachloroethene	0.297	0.331	0.323	0.301	0.288	0.288	0.305	6
Chlorobenzene	1.146	1.205	1.234	1.126	1.109	1.091	1.152	4.9
Ethyl Benzene	1.710	1.890	1.993	1.882	1.927	1.908	1.885	5
m/p-Xylenes	0.647	0.728	0.793	0.721	0.729	0.717	0.723	6.4
o-Xylene	0.590	0.670	0.711	0.704	0.707	0.694	0.679	6.8
Styrene	0.977	1.180	1.315	1.247	1.223	1.204	1.191	9.6
Bromoform	0.186	0.222	0.219	0.210	0.214	0.223	0.212	6.5
Isopropylbenzene	3.005	3.296	3.600	3.704	3.535	3.740	3.480	8.1
1,1,2,2-Tetrachloroethane	0.955	0.945	0.943	0.886	0.843	0.902	0.912	4.7
1,3-Dichlorobenzene	1.700	1.684	1.659	1.737	1.656	1.722	1.693	1.9
1,4-Dichlorobenzene	1.811	1.770	1.807	1.674	1.631	1.685	1.730	4.4
1,2-Dichlorobenzene	1.587	1.636	1.663	1.630	1.465	1.524	1.584	4.8
1,2-Dibromo-3-Chloropropane	0.167	0.156	0.156	0.144	0.148	0.166	0.156	5.8
1,2,4-Trichlorobenzene	0.850	0.888	0.943	0.960	0.961	1.035	0.940	6.8
1,2,3-Trichlorobenzene	0.807	0.849	0.861	0.892	0.881	0.953	0.874	5.6
1,2-Dichloroethane-d4	0.886	0.863	0.864	0.708	0.703	0.714	0.789	11.3
Dibromofluoromethane	0.393	0.364	0.379	0.347	0.342	0.332	0.360	6.5
Toluene-d8	1.334	1.339	1.372	1.252	1.274	1.205	1.296	4.9
4-Bromofluorobenzene	0.505	0.491	0.511	0.482	0.486	0.458	0.489	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>YANN01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3238</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>09/29/2025 09:18</u>
Lab File ID:	<u>VW032288.D</u>	Init. Calib. Date(s):	<u>09/25/2025 09/25/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>10:45 13:08</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.345	0.282		-18.26	20
Chloromethane	0.494	0.409	0.1	-17.21	20
Vinyl Chloride	0.578	0.509		-11.94	20
Bromomethane	0.394	0.342		-13.2	20
Chloroethane	0.391	0.341		-12.79	20
Trichlorofluoromethane	0.435	0.347		-20.23	20
1,1,2-Trichlorotrifluoroethane	0.556	0.510		-8.27	20
1,1-Dichloroethene	0.594	0.549		-7.58	20
Acetone	0.203	0.181		-10.84	20
Carbon Disulfide	1.365	1.266		-7.25	20
Methyl tert-butyl Ether	1.101	1.093		-0.73	20
Methyl Acetate	0.697	0.827		18.65	20
Methylene Chloride	0.991	0.681		-31.28	20
trans-1,2-Dichloroethene	0.640	0.602		-5.94	20
1,1-Dichloroethane	1.293	1.211	0.1	-6.34	20
Cyclohexane	1.019	0.935		-8.24	20
2-Butanone	0.283	0.278		-1.77	20
Carbon Tetrachloride	0.456	0.468		2.63	20
cis-1,2-Dichloroethene	0.796	0.751		-5.65	20
Bromochloromethane	0.617	0.580		-6	20
Chloroform	1.349	1.253		-7.12	20
1,1,1-Trichloroethane	0.909	0.869		-4.4	20
Methylcyclohexane	0.561	0.572		1.96	20
Benzene	1.526	1.524		-0.13	20
1,2-Dichloroethane	0.507	0.494		-2.56	20
Trichloroethene	0.357	0.347		-2.8	20
1,2-Dichloropropane	0.395	0.391		-1.01	20
Bromodichloromethane	0.554	0.565		1.99	20
4-Methyl-2-Pentanone	0.341	0.363		6.45	20
Toluene	0.946	0.949		0.32	20
t-1,3-Dichloropropene	0.508	0.540		6.3	20
cis-1,3-Dichloropropene	0.586	0.610		4.1	20
1,1,2-Trichloroethane	0.332	0.319		-3.92	20
2-Hexanone	0.233	0.253		8.58	20
Dibromochloromethane	0.364	0.379		4.12	20
1,2-Dibromoethane	0.314	0.309		-1.59	20
Tetrachloroethene	0.305	0.306		0.33	20
Chlorobenzene	1.152	1.156	0.3	0.35	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>YANN01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3238</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>09/29/2025</u> <u>09:18</u>
Lab File ID:	<u>VW032288.D</u>	Init. Calib. Date(s):	<u>09/25/2025</u> <u>09/25/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>10:45</u> <u>13:08</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.885	2.025		7.43	20
m/p-Xylenes	0.723	0.759		4.98	20
o-Xylene	0.679	0.731		7.66	20
Styrene	1.191	1.300		9.15	20
Bromoform	0.212	0.232	0.1	9.43	20
Isopropylbenzene	3.480	3.642		4.66	20
1,1,2,2-Tetrachloroethane	0.912	0.904	0.3	-0.88	20
1,3-Dichlorobenzene	1.693	1.637		-3.31	20
1,4-Dichlorobenzene	1.730	1.732		0.12	20
1,2-Dichlorobenzene	1.584	1.589		0.32	20
1,2-Dibromo-3-Chloropropane	0.156	0.166		6.41	20
1,2,4-Trichlorobenzene	0.940	0.999		6.28	20
1,2,3-Trichlorobenzene	0.874	0.880		0.69	20
1,2-Dichloroethane-d4	0.789	0.707		-10.39	20
Dibromofluoromethane	0.360	0.340		-5.56	20
Toluene-d8	1.296	1.231		-5.01	20
4-Bromofluorobenzene	0.489	0.487		-0.41	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>YANN01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3238</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>09/30/2025 12:54</u>
Lab File ID:	<u>VW032298.D</u>	Init. Calib. Date(s):	<u>09/25/2025 09/25/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>10:45 13:08</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.345	0.276		-20	20
Chloromethane	0.494	0.401	0.1	-18.83	20
Vinyl Chloride	0.578	0.536		-7.27	20
Bromomethane	0.394	0.369		-6.34	20
Chloroethane	0.391	0.367		-6.14	20
Trichlorofluoromethane	0.435	0.387		-11.03	20
1,1,2-Trichlorotrifluoroethane	0.556	0.529		-4.86	20
1,1-Dichloroethene	0.594	0.577		-2.86	20
Acetone	0.203	0.201		-0.99	20
Carbon Disulfide	1.365	1.269		-7.03	20
Methyl tert-butyl Ether	1.101	1.161		5.45	20
Methyl Acetate	0.697	0.766		9.9	20
Methylene Chloride	0.991	0.730		-26.34	20
trans-1,2-Dichloroethene	0.640	0.620		-3.13	20
1,1-Dichloroethane	1.293	1.253	0.1	-3.09	20
Cyclohexane	1.019	0.958		-5.99	20
2-Butanone	0.283	0.288		1.77	20
Carbon Tetrachloride	0.456	0.469		2.85	20
cis-1,2-Dichloroethene	0.796	0.784		-1.51	20
Bromochloromethane	0.617	0.590		-4.38	20
Chloroform	1.349	1.303		-3.41	20
1,1,1-Trichloroethane	0.909	0.905		-0.44	20
Methylcyclohexane	0.561	0.565		0.71	20
Benzene	1.526	1.500		-1.7	20
1,2-Dichloroethane	0.507	0.490		-3.35	20
Trichloroethene	0.357	0.358		0.28	20
1,2-Dichloropropane	0.395	0.385		-2.53	20
Bromodichloromethane	0.554	0.547		-1.26	20
4-Methyl-2-Pentanone	0.341	0.349		2.35	20
Toluene	0.946	0.936		-1.06	20
t-1,3-Dichloropropene	0.508	0.533		4.92	20
cis-1,3-Dichloropropene	0.586	0.614		4.78	20
1,1,2-Trichloroethane	0.332	0.324		-2.41	20
2-Hexanone	0.233	0.248		6.44	20
Dibromochloromethane	0.364	0.376		3.3	20
1,2-Dibromoethane	0.314	0.305		-2.87	20
Tetrachloroethene	0.305	0.308		0.98	20
Chlorobenzene	1.152	1.121	0.3	-2.69	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>YANN01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3238</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>09/30/2025 12:54</u>
Lab File ID:	<u>VW032298.D</u>	Init. Calib. Date(s):	<u>09/25/2025 09/25/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>10:45 13:08</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.885	1.951		3.5	20
m/p-Xylenes	0.723	0.768		6.22	20
o-Xylene	0.679	0.737		8.54	20
Styrene	1.191	1.263		6.05	20
Bromoform	0.212	0.214	0.1	0.94	20
Isopropylbenzene	3.480	3.743		7.56	20
1,1,2,2-Tetrachloroethane	0.912	0.915	0.3	0.33	20
1,3-Dichlorobenzene	1.693	1.811		6.97	20
1,4-Dichlorobenzene	1.730	1.781		2.95	20
1,2-Dichlorobenzene	1.584	1.598		0.88	20
1,2-Dibromo-3-Chloropropane	0.156	0.155		-0.64	20
1,2,4-Trichlorobenzene	0.940	0.962		2.34	20
1,2,3-Trichlorobenzene	0.874	0.932		6.64	20
1,2-Dichloroethane-d4	0.789	0.731		-7.35	20
Dibromofluoromethane	0.360	0.338		-6.11	20
Toluene-d8	1.296	1.244		-4.01	20
4-Bromofluorobenzene	0.489	0.469		-4.09	20

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