

LAB CHRONICLE

OrderID:	Q3615	OrderDate:	11/12/2025 1:09:05 PM
Client:	Core Environmental Consultants and Services, Inc.	Project:	Jones Beach Concrete
Contact:	Roland Scardino	Location:	J32,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3615-01	East Bathhouse- Concrete	SOIL	VOC-TCLVOA-10	8260D	11/12/25		11/13/25	11/12/25



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q3615

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID:

0

Total Voc :

Total Concentration:

A
B
C
D
E
F
G



SAMPLE DATA

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: East Bathhouse- Concrete
Lab Sample ID: Q3615-01
Analytical Method: 8260D
Sample Wt/Vol: 5.5 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/12/25
Date Received: 11/12/25
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	1.00	4.50	ug/Kg	11/13/25 12:14	VY111325
74-87-3	Chloromethane	1.00	U	1	1.00	4.50	ug/Kg	11/13/25 12:14	VY111325
75-01-4	Vinyl Chloride	0.72	U	1	0.72	4.50	ug/Kg	11/13/25 12:14	VY111325
74-83-9	Bromomethane	0.97	U	1	0.97	4.50	ug/Kg	11/13/25 12:14	VY111325
75-00-3	Chloroethane	1.10	U	1	1.10	4.50	ug/Kg	11/13/25 12:14	VY111325
75-69-4	Trichlorofluoromethane	1.10	U	1	1.10	4.50	ug/Kg	11/13/25 12:14	VY111325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.96	U	1	0.96	4.50	ug/Kg	11/13/25 12:14	VY111325
75-35-4	1,1-Dichloroethene	0.91	U	1	0.91	4.50	ug/Kg	11/13/25 12:14	VY111325
67-64-1	Acetone	4.30	U	1	4.30	22.7	ug/Kg	11/13/25 12:14	VY111325
75-15-0	Carbon Disulfide	0.96	U	1	0.96	4.50	ug/Kg	11/13/25 12:14	VY111325
1634-04-4	Methyl tert-butyl Ether	0.66	U	1	0.66	4.50	ug/Kg	11/13/25 12:14	VY111325
79-20-9	Methyl Acetate	1.40	U	1	1.40	4.50	ug/Kg	11/13/25 12:14	VY111325
75-09-2	Methylene Chloride	3.20	U	1	3.20	9.10	ug/Kg	11/13/25 12:14	VY111325
156-60-5	trans-1,2-Dichloroethene	0.78	U	1	0.78	4.50	ug/Kg	11/13/25 12:14	VY111325
75-34-3	1,1-Dichloroethane	0.73	U	1	0.73	4.50	ug/Kg	11/13/25 12:14	VY111325
110-82-7	Cyclohexane	0.72	U	1	0.72	4.50	ug/Kg	11/13/25 12:14	VY111325
78-93-3	2-Butanone	5.90	U	1	5.90	22.7	ug/Kg	11/13/25 12:14	VY111325
56-23-5	Carbon Tetrachloride	0.88	U	1	0.88	4.50	ug/Kg	11/13/25 12:14	VY111325
156-59-2	cis-1,2-Dichloroethene	0.68	U	1	0.68	4.50	ug/Kg	11/13/25 12:14	VY111325
74-97-5	Bromochloromethane	1.00	U	1	1.00	4.50	ug/Kg	11/13/25 12:14	VY111325
67-66-3	Chloroform	0.76	U	1	0.76	4.50	ug/Kg	11/13/25 12:14	VY111325
71-55-6	1,1,1-Trichloroethane	0.85	U	1	0.85	4.50	ug/Kg	11/13/25 12:14	VY111325
108-87-2	Methylcyclohexane	0.83	U	1	0.83	4.50	ug/Kg	11/13/25 12:14	VY111325
71-43-2	Benzene	0.72	U	1	0.72	4.50	ug/Kg	11/13/25 12:14	VY111325
107-06-2	1,2-Dichloroethane	0.72	U	1	0.72	4.50	ug/Kg	11/13/25 12:14	VY111325
79-01-6	Trichloroethene	0.74	U	1	0.74	4.50	ug/Kg	11/13/25 12:14	VY111325
78-87-5	1,2-Dichloropropane	0.83	U	1	0.83	4.50	ug/Kg	11/13/25 12:14	VY111325
75-27-4	Bromodichloromethane	0.71	U	1	0.71	4.50	ug/Kg	11/13/25 12:14	VY111325
108-10-1	4-Methyl-2-Pentanone	3.30	U	1	3.30	22.7	ug/Kg	11/13/25 12:14	VY111325
108-88-3	Toluene	0.71	U	1	0.71	4.50	ug/Kg	11/13/25 12:14	VY111325
10061-02-6	t-1,3-Dichloropropene	0.59	U	1	0.59	4.50	ug/Kg	11/13/25 12:14	VY111325
10061-01-5	cis-1,3-Dichloropropene	0.56	U	1	0.56	4.50	ug/Kg	11/13/25 12:14	VY111325
79-00-5	1,1,2-Trichloroethane	0.84	U	1	0.84	4.50	ug/Kg	11/13/25 12:14	VY111325
591-78-6	2-Hexanone	3.40	U	1	3.40	22.7	ug/Kg	11/13/25 12:14	VY111325
124-48-1	Dibromochloromethane	0.79	U	1	0.79	4.50	ug/Kg	11/13/25 12:14	VY111325
106-93-4	1,2-Dibromoethane	0.80	U	1	0.80	4.50	ug/Kg	11/13/25 12:14	VY111325
127-18-4	Tetrachloroethene	0.95	U	1	0.95	4.50	ug/Kg	11/13/25 12:14	VY111325
108-90-7	Chlorobenzene	0.83	U	1	0.83	4.50	ug/Kg	11/13/25 12:14	VY111325
100-41-4	Ethyl Benzene	0.61	U	1	0.61	4.50	ug/Kg	11/13/25 12:14	VY111325
179601-23-1	m/p-Xylenes	1.10	U	1	1.10	9.10	ug/Kg	11/13/25 12:14	VY111325
95-47-6	o-Xylene	0.75	U	1	0.75	4.50	ug/Kg	11/13/25 12:14	VY111325
100-42-5	Styrene	0.65	U	1	0.65	4.50	ug/Kg	11/13/25 12:14	VY111325
75-25-2	Bromoform	0.78	U	1	0.78	4.50	ug/Kg	11/13/25 12:14	VY111325

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: East Bathhouse- Concrete
Lab Sample ID: Q3615-01
Analytical Method: 8260D
Sample Wt/Vol: 5.5 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/12/25
Date Received: 11/12/25
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.71	U	1	0.71	4.50	ug/Kg	11/13/25 12:14	VY111325
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1	1.10	4.50	ug/Kg	11/13/25 12:14	VY111325
541-73-1	1,3-Dichlorobenzene	1.60	U	1	1.60	4.50	ug/Kg	11/13/25 12:14	VY111325
106-46-7	1,4-Dichlorobenzene	1.40	U	1	1.40	4.50	ug/Kg	11/13/25 12:14	VY111325
95-50-1	1,2-Dichlorobenzene	1.30	U	1	1.30	4.50	ug/Kg	11/13/25 12:14	VY111325
96-12-8	1,2-Dibromo-3-Chloropropane	1.70	U	1	1.70	4.50	ug/Kg	11/13/25 12:14	VY111325
120-82-1	1,2,4-Trichlorobenzene	2.70	U	1	2.70	4.50	ug/Kg	11/13/25 12:14	VY111325
87-61-6	1,2,3-Trichlorobenzene	2.90	U	1	2.90	4.50	ug/Kg	11/13/25 12:14	VY111325

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	57.3			63 - 155	115%	SPK: 50
1868-53-7	Dibromofluoromethane	39.4			70 - 134	79%	SPK: 50
2037-26-5	Toluene-d8	48.6			74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.8			52 - 138	86%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	759000
540-36-3	1,4-Difluorobenzene	1340000
3114-55-4	Chlorobenzene-d5	1130000
3855-82-1	1,4-Dichlorobenzene-d4	447000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SDG No.: Q3615

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3615-01	East Bathhouse- Concrete	1,2-Dichloroethane-d4	50	57.3	115		63	155
		Dibromofluoromethane	50	39.4	79		70	134
		Toluene-d8	50	48.6	97		74	123
		4-Bromofluorobenzene	50	42.8	86		52	138
VY1113SBL01	VY1113SBL01	1,2-Dichloroethane-d4	50	56.7	113		63	155
		Dibromofluoromethane	50	50.5	101		70	134
		Toluene-d8	50	48.7	97		74	123
		4-Bromofluorobenzene	50	50.5	101		52	138
VY1113SBS01	VY1113SBS01	1,2-Dichloroethane-d4	50	50.7	101		63	155
		Dibromofluoromethane	50	50.1	100		70	134
		Toluene-d8	50	51.1	102		74	123
		4-Bromofluorobenzene	50	62.2	124		52	138
VY1113SBSD01	VY1113SBSD01	1,2-Dichloroethane-d4	50	51.8	104		63	155
		Dibromofluoromethane	50	51.6	103		70	134
		Toluene-d8	50	52.9	106		74	123
		4-Bromofluorobenzene	50	53.2	106		52	138

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3615	SW-846	Analytical Method:	SW8260D
Client:	Core Environmental Consultants and	Datafile :	VY023776.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1113SBS01	Dichlorodifluoromethane	20	22.2	ug/Kg	111			64	136	
	Chloromethane	20	21.2	ug/Kg	106			73	129	
	Vinyl chloride	20	20.2	ug/Kg	101			73	133	
	Bromomethane	20	20.0	ug/Kg	100			77	137	
	Chloroethane	20	19.6	ug/Kg	98			69	130	
	Trichlorofluoromethane	20	21.7	ug/Kg	109			69	134	
	1,1,2-Trichlorotrifluoroethane	20	21.7	ug/Kg	109			81	123	
	1,1-Dichloroethene	20	21.5	ug/Kg	108			79	121	
	Acetone	100	120	ug/Kg	120			60	174	
	Carbon disulfide	20	21.4	ug/Kg	107			73	125	
	Methyl tert-butyl Ether	20	20.1	ug/Kg	101			77	129	
	Methyl Acetate	20	16.5	ug/Kg	83			51	140	
	Methylene Chloride	20	22.3	ug/Kg	112			54	158	
	trans-1,2-Dichloroethene	20	20.9	ug/Kg	104			80	123	
	1,1-Dichloroethane	20	21.6	ug/Kg	108			82	123	
	Cyclohexane	20	21.4	ug/Kg	107			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	20.7	ug/Kg	104			76	129	
	cis-1,2-Dichloroethene	20	20.6	ug/Kg	103			82	123	
	Bromochloromethane	20	21.6	ug/Kg	108			80	127	
	Chloroform	20	21.3	ug/Kg	106			82	125	
	1,1,1-Trichloroethane	20	21.3	ug/Kg	106			80	126	
	Methylcyclohexane	20	20.2	ug/Kg	101			77	123	
	Benzene	20	21.2	ug/Kg	106			84	121	
	1,2-Dichloroethane	20	20.7	ug/Kg	104			81	126	
	Trichloroethene	20	20.2	ug/Kg	101			83	122	
	1,2-Dichloropropane	20	21.1	ug/Kg	106			83	122	
	Bromodichloromethane	20	21.0	ug/Kg	105			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	21.3	ug/Kg	106			83	122	
	t-1,3-Dichloropropene	20	20.4	ug/Kg	102			78	124	
	cis-1,3-Dichloropropene	20	20.7	ug/Kg	104			81	122	
	1,1,2-Trichloroethane	20	20.5	ug/Kg	103			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	20.2	ug/Kg	101			79	125	
	1,2-Dibromoethane	20	20.4	ug/Kg	102			80	125	
	Tetrachloroethene	20	19.5	ug/Kg	98			83	125	
	Chlorobenzene	20	19.7	ug/Kg	99			84	122	
	Ethyl Benzene	20	19.4	ug/Kg	97			82	124	
	m/p-Xylenes	40	39.1	ug/Kg	98			83	124	
	o-Xylene	20	19.1	ug/Kg	96			83	123	
	Styrene	20	19.5	ug/Kg	98			82	124	
	Bromoform	20	22.2	ug/Kg	111			75	127	
	Isopropylbenzene	20	20.8	ug/Kg	104			82	124	
	1,1,2,2-Tetrachloroethane	20	19.5	ug/Kg	98			77	127	
	1,3-Dichlorobenzene	20	19.9	ug/Kg	100			83	122	
	1,4-Dichlorobenzene	20	19.8	ug/Kg	99			84	121	
	1,2-Dichlorobenzene	20	19.6	ug/Kg	98			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3615</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Core Environmental Consultants and</u>	Datafile :	<u>VY023776.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VY1113SBS01	1,2-Dibromo-3-Chloropropane	20	18.5	ug/Kg	93			66	134	
	1,2,4-Trichlorobenzene	20	18.5	ug/Kg	93			78	127	
	1,2,3-Trichlorobenzene	20	19.1	ug/Kg	96			70	137	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3615	SW-846	Analytical Method:	SW8260D
Client:	Core Environmental Consultants and	Datafile :	VY023777.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1113SBSD01	Dichlorodifluoromethane	20	21.9	ug/Kg	110	1		64	136	20
	Chloromethane	20	20.2	ug/Kg	101	5		73	129	15
	Vinyl chloride	20	19.4	ug/Kg	97	4		73	133	15
	Bromomethane	20	18.6	ug/Kg	93	7		77	137	15
	Chloroethane	20	18.9	ug/Kg	95	3		69	130	15
	Trichlorofluoromethane	20	20.1	ug/Kg	101	8		69	134	27
	1,1,2-Trichlorotrifluoroethane	20	21.1	ug/Kg	106	3		81	123	20
	1,1-Dichloroethene	20	20.4	ug/Kg	102	6		79	121	16
	Acetone	100	110	ug/Kg	110	9		60	174	28
	Carbon disulfide	20	20.5	ug/Kg	103	4		73	125	15
	Methyl tert-butyl Ether	20	19.4	ug/Kg	97	4		77	129	20
	Methyl Acetate	20	15.6	ug/Kg	78	6		51	140	30
	Methylene Chloride	20	20.3	ug/Kg	102	9		54	158	20
	trans-1,2-Dichloroethene	20	20.5	ug/Kg	103	1		80	123	15
	1,1-Dichloroethane	20	20.9	ug/Kg	104	4		82	123	15
	Cyclohexane	20	21.0	ug/Kg	105	2		76	122	15
	2-Butanone	100	110	ug/Kg	110	0		69	131	29
	Carbon Tetrachloride	20	20.3	ug/Kg	102	2		76	129	15
	cis-1,2-Dichloroethene	20	20.1	ug/Kg	101	2		82	123	15
	Bromochloromethane	20	21.1	ug/Kg	106	2		80	127	15
	Chloroform	20	20.5	ug/Kg	103	3		82	125	15
	1,1,1-Trichloroethane	20	20.6	ug/Kg	103	3		80	126	15
	Methylcyclohexane	20	19.8	ug/Kg	99	2		77	123	15
	Benzene	20	20.6	ug/Kg	103	3		84	121	15
	1,2-Dichloroethane	20	19.5	ug/Kg	98	6		81	126	15
	Trichloroethene	20	19.3	ug/Kg	97	4		83	122	15
	1,2-Dichloropropane	20	20.6	ug/Kg	103	3		83	122	15
	Bromodichloromethane	20	20.3	ug/Kg	102	3		82	123	15
	4-Methyl-2-Pentanone	100	97.3	ug/Kg	97	3		70	135	26
	Toluene	20	20.6	ug/Kg	103	3		83	122	15
	t-1,3-Dichloropropene	20	19.6	ug/Kg	98	4		78	124	15
	cis-1,3-Dichloropropene	20	19.9	ug/Kg	100	4		81	122	15
	1,1,2-Trichloroethane	20	19.7	ug/Kg	99	4		82	125	15
	2-Hexanone	100	100	ug/Kg	100	10		66	138	27
	Dibromochloromethane	20	19.4	ug/Kg	97	4		79	125	15
	1,2-Dibromoethane	20	19.2	ug/Kg	96	6		80	125	16
	Tetrachloroethene	20	19.1	ug/Kg	96	2		83	125	15
	Chlorobenzene	20	19.9	ug/Kg	100	1		84	122	15
	Ethyl Benzene	20	20.1	ug/Kg	101	4		82	124	15
	m/p-Xylenes	40	40.7	ug/Kg	102	4		83	124	15
	o-Xylene	20	19.7	ug/Kg	99	3		83	123	15
	Styrene	20	20.0	ug/Kg	100	2		82	124	15
	Bromoform	20	18.9	ug/Kg	95	16		75	127	16
	Isopropylbenzene	20	20.3	ug/Kg	102	2		82	124	15
	1,1,2,2-Tetrachloroethane	20	20.4	ug/Kg	102	4		77	127	21
	1,3-Dichlorobenzene	20	19.8	ug/Kg	99	1		83	122	15
	1,4-Dichlorobenzene	20	19.7	ug/Kg	99	0		84	121	15
	1,2-Dichlorobenzene	20	19.6	ug/Kg	98	0		83	124	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3615 **Analytical Method:** SW8260D
Client: Core Environmental Consultants and **Datafile :** VY023777.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1113SBSD01	1,2-Dibromo-3-Chloropropane	20	19.7	ug/Kg	99	6		66	134	20
	1,2,4-Trichlorobenzene	20	22.3	ug/Kg	112	19		78	127	20
	1,2,3-Trichlorobenzene	20	23.5	ug/Kg	117	20	*	70	137	16

VOLATILE METHOD BLANK SUMMARY

Client ID

VY1113SBL01

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3615

Lab File ID: VY023775.D

Lab Sample ID: VY1113SBL01

Date Analyzed: 11/13/2025

Time Analyzed: 10:17

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1113SBS01	VY1113SBS01	VY023776.D	11/13/2025
VY1113SBSD01	VY1113SBSD01	VY023777.D	11/13/2025
East Bathhouse- Concrete	Q3615-01	VY023779.D	11/13/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3615

Lab File ID: VY023660.D

BFB Injection Date: 11/04/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 08:11

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

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.3
75	30.0 - 60.0% of mass 95	49
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.3 (1.3) 1
174	50.0 - 100.0% of mass 95	94.8
175	5.0 - 9.0% of mass 174	7 (7.4) 1
176	95.0 - 101.0% of mass 174	91.1 (96.1) 1
177	5.0 - 9.0% of mass 176	6 (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
VSTDIC005	VSTDIC005	VY023661.D	11/04/2025	09:19
VSTDIC010	VSTDIC010	VY023662.D	11/04/2025	09:42
VSTDIC020	VSTDIC020	VY023663.D	11/04/2025	10:19
VSTDIC050	VSTDIC050	VY023664.D	11/04/2025	10:42
VSTDIC100	VSTDIC100	VY023665.D	11/04/2025	11:05
VSTDIC150	VSTDIC150	VY023666.D	11/04/2025	11:27

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3615

Lab File ID: VY023773.D

BFB Injection Date: 11/13/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 09:06

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	17.2
75	30.0 - 60.0% of mass 95	48.6
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	1.1 (1.2) 1
174	50.0 - 100.0% of mass 95	92.4
175	5.0 - 9.0% of mass 174	6.7 (7.3) 1
176	95.0 - 101.0% of mass 174	88.1 (95.4) 1
177	5.0 - 9.0% of mass 176	5.7 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023774.D	11/13/2025	09:48
VY1113SBL01	VY1113SBL01	VY023775.D	11/13/2025	10:17
VY1113SBS01	VY1113SBS01	VY023776.D	11/13/2025	10:46
VY1113SBSD01	VY1113SBSD01	VY023777.D	11/13/2025	11:09
East Bathhouse- Concrete	Q3615-01	VY023779.D	11/13/2025	12:14

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02
Lab Code: ACE SDG NO.: Q3615
Lab File ID: VY023774.D Date Analyzed: 11/13/2025
Instrument ID: MSVOA_Y Time Analyzed: 09:48
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	535734	7.71	769382	8.62	787003	11.41
UPPER LIMIT	1071470	8.207	1538760	9.116	1574010	11.914
LOWER LIMIT	267867	7.207	384691	8.116	393502	10.914
EPA SAMPLE NO.						
East Bathhouse- Concrete	759197	7.71	1341213	8.62	1126773	11.41
VY1113SBL01	770600	7.71	1347630	8.62	1134546	11.41
VY1113SBS01	545029	7.71	820567	8.62	760023	11.41
VY1113SBSD01	571249	7.71	854908	8.62	744787	11.41

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02
 Lab Code: ACE SDG NO.: Q3615
 Lab File ID: VY023774.D Date Analyzed: 11/13/2025
 Instrument ID: MSVOA_Y Time Analyzed: 09:48
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	393514	13.347				
UPPER LIMIT	787028	13.847				
LOWER LIMIT	196757	12.847				
EPA SAMPLE NO.						
East Bathhouse- Concrete	446837	13.35				
VY1113SBL01	509347	13.35				
VY1113SBS01	418145	13.35				
VY1113SBSD01	370605	13.35				

IS4 = 1,4-Dichlorobenzene-d4

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

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



QC SAMPLE DATA

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: VY1113SBL01
Lab Sample ID: VY1113SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	11/13/25 10:17	VY111325
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	11/13/25 10:17	VY111325
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	11/13/25 10:17	VY111325
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	11/13/25 10:17	VY111325
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	11/13/25 10:17	VY111325
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	11/13/25 10:17	VY111325
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	11/13/25 10:17	VY111325
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	11/13/25 10:17	VY111325
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	11/13/25 10:17	VY111325
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	11/13/25 10:17	VY111325
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	11/13/25 10:17	VY111325
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	11/13/25 10:17	VY111325
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	11/13/25 10:17	VY111325
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	11/13/25 10:17	VY111325
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	11/13/25 10:17	VY111325
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	11/13/25 10:17	VY111325
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	11/13/25 10:17	VY111325
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	11/13/25 10:17	VY111325
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	11/13/25 10:17	VY111325
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	11/13/25 10:17	VY111325
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	11/13/25 10:17	VY111325
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	11/13/25 10:17	VY111325
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	11/13/25 10:17	VY111325
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	11/13/25 10:17	VY111325
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	11/13/25 10:17	VY111325
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	11/13/25 10:17	VY111325
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	11/13/25 10:17	VY111325
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	11/13/25 10:17	VY111325
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	11/13/25 10:17	VY111325
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	11/13/25 10:17	VY111325
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	11/13/25 10:17	VY111325
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	11/13/25 10:17	VY111325
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	11/13/25 10:17	VY111325
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	11/13/25 10:17	VY111325
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	11/13/25 10:17	VY111325
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	11/13/25 10:17	VY111325
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	11/13/25 10:17	VY111325
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	11/13/25 10:17	VY111325
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	11/13/25 10:17	VY111325
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	11/13/25 10:17	VY111325
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	11/13/25 10:17	VY111325
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	11/13/25 10:17	VY111325
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	11/13/25 10:17	VY111325

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: VY1113SBL01
Lab Sample ID: VY1113SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	11/13/25 10:17	VY111325
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	11/13/25 10:17	VY111325
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	11/13/25 10:17	VY111325
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	11/13/25 10:17	VY111325
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	11/13/25 10:17	VY111325
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	11/13/25 10:17	VY111325
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	11/13/25 10:17	VY111325
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	11/13/25 10:17	VY111325

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	56.7			63 - 155	113%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5			70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	48.7			74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5			52 - 138	101%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	771000
540-36-3	1,4-Difluorobenzene	1350000
3114-55-4	Chlorobenzene-d5	1130000
3855-82-1	1,4-Dichlorobenzene-d4	509000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: VY1113SBS01
Lab Sample ID: VY1113SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	22.2		1	1.10	5.00	ug/Kg	11/13/25 10:46	VY111325
74-87-3	Chloromethane	21.2		1	1.10	5.00	ug/Kg	11/13/25 10:46	VY111325
75-01-4	Vinyl Chloride	20.2		1	0.79	5.00	ug/Kg	11/13/25 10:46	VY111325
74-83-9	Bromomethane	20.0		1	1.10	5.00	ug/Kg	11/13/25 10:46	VY111325
75-00-3	Chloroethane	19.6		1	1.30	5.00	ug/Kg	11/13/25 10:46	VY111325
75-69-4	Trichlorofluoromethane	21.7		1	1.20	5.00	ug/Kg	11/13/25 10:46	VY111325
76-13-1	1,1,2-Trichlorotrifluoroethane	21.7		1	1.10	5.00	ug/Kg	11/13/25 10:46	VY111325
75-35-4	1,1-Dichloroethene	21.5		1	1.00	5.00	ug/Kg	11/13/25 10:46	VY111325
67-64-1	Acetone	120		1	4.70	25.0	ug/Kg	11/13/25 10:46	VY111325
75-15-0	Carbon Disulfide	21.4		1	1.10	5.00	ug/Kg	11/13/25 10:46	VY111325
1634-04-4	Methyl tert-butyl Ether	20.1		1	0.73	5.00	ug/Kg	11/13/25 10:46	VY111325
79-20-9	Methyl Acetate	16.5		1	1.50	5.00	ug/Kg	11/13/25 10:46	VY111325
75-09-2	Methylene Chloride	22.3		1	3.50	10.0	ug/Kg	11/13/25 10:46	VY111325
156-60-5	trans-1,2-Dichloroethene	20.9		1	0.86	5.00	ug/Kg	11/13/25 10:46	VY111325
75-34-3	1,1-Dichloroethane	21.6		1	0.80	5.00	ug/Kg	11/13/25 10:46	VY111325
110-82-7	Cyclohexane	21.4		1	0.79	5.00	ug/Kg	11/13/25 10:46	VY111325
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	11/13/25 10:46	VY111325
56-23-5	Carbon Tetrachloride	20.7		1	0.97	5.00	ug/Kg	11/13/25 10:46	VY111325
156-59-2	cis-1,2-Dichloroethene	20.6		1	0.75	5.00	ug/Kg	11/13/25 10:46	VY111325
74-97-5	Bromochloromethane	21.6		1	1.20	5.00	ug/Kg	11/13/25 10:46	VY111325
67-66-3	Chloroform	21.3		1	0.84	5.00	ug/Kg	11/13/25 10:46	VY111325
71-55-6	1,1,1-Trichloroethane	21.3		1	0.93	5.00	ug/Kg	11/13/25 10:46	VY111325
108-87-2	Methylcyclohexane	20.2		1	0.91	5.00	ug/Kg	11/13/25 10:46	VY111325
71-43-2	Benzene	21.2		1	0.79	5.00	ug/Kg	11/13/25 10:46	VY111325
107-06-2	1,2-Dichloroethane	20.7		1	0.79	5.00	ug/Kg	11/13/25 10:46	VY111325
79-01-6	Trichloroethene	20.2		1	0.81	5.00	ug/Kg	11/13/25 10:46	VY111325
78-87-5	1,2-Dichloropropane	21.1		1	0.91	5.00	ug/Kg	11/13/25 10:46	VY111325
75-27-4	Bromodichloromethane	21.0		1	0.78	5.00	ug/Kg	11/13/25 10:46	VY111325
108-10-1	4-Methyl-2-Pentanone	100		1	3.60	25.0	ug/Kg	11/13/25 10:46	VY111325
108-88-3	Toluene	21.3		1	0.78	5.00	ug/Kg	11/13/25 10:46	VY111325
10061-02-6	t-1,3-Dichloropropene	20.4		1	0.65	5.00	ug/Kg	11/13/25 10:46	VY111325
10061-01-5	cis-1,3-Dichloropropene	20.7		1	0.62	5.00	ug/Kg	11/13/25 10:46	VY111325
79-00-5	1,1,2-Trichloroethane	20.5		1	0.92	5.00	ug/Kg	11/13/25 10:46	VY111325
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	11/13/25 10:46	VY111325
124-48-1	Dibromochloromethane	20.2		1	0.87	5.00	ug/Kg	11/13/25 10:46	VY111325
106-93-4	1,2-Dibromoethane	20.4		1	0.88	5.00	ug/Kg	11/13/25 10:46	VY111325
127-18-4	Tetrachloroethene	19.5		1	1.10	5.00	ug/Kg	11/13/25 10:46	VY111325
108-90-7	Chlorobenzene	19.7		1	0.91	5.00	ug/Kg	11/13/25 10:46	VY111325
100-41-4	Ethyl Benzene	19.4		1	0.67	5.00	ug/Kg	11/13/25 10:46	VY111325
179601-23-1	m/p-Xylenes	39.1		1	1.20	10.0	ug/Kg	11/13/25 10:46	VY111325
95-47-6	o-Xylene	19.1		1	0.82	5.00	ug/Kg	11/13/25 10:46	VY111325
100-42-5	Styrene	19.5		1	0.71	5.00	ug/Kg	11/13/25 10:46	VY111325
75-25-2	Bromoform	22.2		1	0.86	5.00	ug/Kg	11/13/25 10:46	VY111325

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: VY1113SBS01
Lab Sample ID: VY1113SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.8		1	0.78	5.00	ug/Kg	11/13/25 10:46	VY111325
79-34-5	1,1,2,2-Tetrachloroethane	19.5		1	1.20	5.00	ug/Kg	11/13/25 10:46	VY111325
541-73-1	1,3-Dichlorobenzene	19.9		1	1.70	5.00	ug/Kg	11/13/25 10:46	VY111325
106-46-7	1,4-Dichlorobenzene	19.8		1	1.60	5.00	ug/Kg	11/13/25 10:46	VY111325
95-50-1	1,2-Dichlorobenzene	19.6		1	1.50	5.00	ug/Kg	11/13/25 10:46	VY111325
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1	1.80	5.00	ug/Kg	11/13/25 10:46	VY111325
120-82-1	1,2,4-Trichlorobenzene	18.5		1	3.00	5.00	ug/Kg	11/13/25 10:46	VY111325
87-61-6	1,2,3-Trichlorobenzene	19.1		1	3.20	5.00	ug/Kg	11/13/25 10:46	VY111325

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	50.7			63 - 155	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1			70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	51.1			74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	62.2			52 - 138	124%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	545000
540-36-3	1,4-Difluorobenzene	821000
3114-55-4	Chlorobenzene-d5	760000
3855-82-1	1,4-Dichlorobenzene-d4	418000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: VY1113SBSD01
Lab Sample ID: VY1113SBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.9		1	1.10	5.00	ug/Kg	11/13/25 11:09	VY111325
74-87-3	Chloromethane	20.2		1	1.10	5.00	ug/Kg	11/13/25 11:09	VY111325
75-01-4	Vinyl Chloride	19.4		1	0.79	5.00	ug/Kg	11/13/25 11:09	VY111325
74-83-9	Bromomethane	18.6		1	1.10	5.00	ug/Kg	11/13/25 11:09	VY111325
75-00-3	Chloroethane	18.9		1	1.30	5.00	ug/Kg	11/13/25 11:09	VY111325
75-69-4	Trichlorofluoromethane	20.1		1	1.20	5.00	ug/Kg	11/13/25 11:09	VY111325
76-13-1	1,1,2-Trichlorotrifluoroethane	21.1		1	1.10	5.00	ug/Kg	11/13/25 11:09	VY111325
75-35-4	1,1-Dichloroethene	20.4		1	1.00	5.00	ug/Kg	11/13/25 11:09	VY111325
67-64-1	Acetone	110		1	4.70	25.0	ug/Kg	11/13/25 11:09	VY111325
75-15-0	Carbon Disulfide	20.5		1	1.10	5.00	ug/Kg	11/13/25 11:09	VY111325
1634-04-4	Methyl tert-butyl Ether	19.4		1	0.73	5.00	ug/Kg	11/13/25 11:09	VY111325
79-20-9	Methyl Acetate	15.6		1	1.50	5.00	ug/Kg	11/13/25 11:09	VY111325
75-09-2	Methylene Chloride	20.3		1	3.50	10.0	ug/Kg	11/13/25 11:09	VY111325
156-60-5	trans-1,2-Dichloroethene	20.5		1	0.86	5.00	ug/Kg	11/13/25 11:09	VY111325
75-34-3	1,1-Dichloroethane	20.9		1	0.80	5.00	ug/Kg	11/13/25 11:09	VY111325
110-82-7	Cyclohexane	21.0		1	0.79	5.00	ug/Kg	11/13/25 11:09	VY111325
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	11/13/25 11:09	VY111325
56-23-5	Carbon Tetrachloride	20.3		1	0.97	5.00	ug/Kg	11/13/25 11:09	VY111325
156-59-2	cis-1,2-Dichloroethene	20.1		1	0.75	5.00	ug/Kg	11/13/25 11:09	VY111325
74-97-5	Bromochloromethane	21.1		1	1.20	5.00	ug/Kg	11/13/25 11:09	VY111325
67-66-3	Chloroform	20.5		1	0.84	5.00	ug/Kg	11/13/25 11:09	VY111325
71-55-6	1,1,1-Trichloroethane	20.6		1	0.93	5.00	ug/Kg	11/13/25 11:09	VY111325
108-87-2	Methylcyclohexane	19.8		1	0.91	5.00	ug/Kg	11/13/25 11:09	VY111325
71-43-2	Benzene	20.6		1	0.79	5.00	ug/Kg	11/13/25 11:09	VY111325
107-06-2	1,2-Dichloroethane	19.5		1	0.79	5.00	ug/Kg	11/13/25 11:09	VY111325
79-01-6	Trichloroethene	19.3		1	0.81	5.00	ug/Kg	11/13/25 11:09	VY111325
78-87-5	1,2-Dichloropropane	20.6		1	0.91	5.00	ug/Kg	11/13/25 11:09	VY111325
75-27-4	Bromodichloromethane	20.3		1	0.78	5.00	ug/Kg	11/13/25 11:09	VY111325
108-10-1	4-Methyl-2-Pentanone	97.3		1	3.60	25.0	ug/Kg	11/13/25 11:09	VY111325
108-88-3	Toluene	20.6		1	0.78	5.00	ug/Kg	11/13/25 11:09	VY111325
10061-02-6	t-1,3-Dichloropropene	19.6		1	0.65	5.00	ug/Kg	11/13/25 11:09	VY111325
10061-01-5	cis-1,3-Dichloropropene	19.9		1	0.62	5.00	ug/Kg	11/13/25 11:09	VY111325
79-00-5	1,1,2-Trichloroethane	19.7		1	0.92	5.00	ug/Kg	11/13/25 11:09	VY111325
591-78-6	2-Hexanone	100		1	3.70	25.0	ug/Kg	11/13/25 11:09	VY111325
124-48-1	Dibromochloromethane	19.4		1	0.87	5.00	ug/Kg	11/13/25 11:09	VY111325
106-93-4	1,2-Dibromoethane	19.2		1	0.88	5.00	ug/Kg	11/13/25 11:09	VY111325
127-18-4	Tetrachloroethene	19.1		1	1.10	5.00	ug/Kg	11/13/25 11:09	VY111325
108-90-7	Chlorobenzene	19.9		1	0.91	5.00	ug/Kg	11/13/25 11:09	VY111325
100-41-4	Ethyl Benzene	20.1		1	0.67	5.00	ug/Kg	11/13/25 11:09	VY111325
179601-23-1	m/p-Xylenes	40.7		1	1.20	10.0	ug/Kg	11/13/25 11:09	VY111325
95-47-6	o-Xylene	19.7		1	0.82	5.00	ug/Kg	11/13/25 11:09	VY111325
100-42-5	Styrene	20.0		1	0.71	5.00	ug/Kg	11/13/25 11:09	VY111325
75-25-2	Bromoform	18.9		1	0.86	5.00	ug/Kg	11/13/25 11:09	VY111325

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: VY1113SBSD01
Lab Sample ID: VY1113SBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.3		1	0.78	5.00	ug/Kg	11/13/25 11:09	VY111325
79-34-5	1,1,2,2-Tetrachloroethane	20.4		1	1.20	5.00	ug/Kg	11/13/25 11:09	VY111325
541-73-1	1,3-Dichlorobenzene	19.8		1	1.70	5.00	ug/Kg	11/13/25 11:09	VY111325
106-46-7	1,4-Dichlorobenzene	19.7		1	1.60	5.00	ug/Kg	11/13/25 11:09	VY111325
95-50-1	1,2-Dichlorobenzene	19.6		1	1.50	5.00	ug/Kg	11/13/25 11:09	VY111325
96-12-8	1,2-Dibromo-3-Chloropropane	19.7		1	1.80	5.00	ug/Kg	11/13/25 11:09	VY111325
120-82-1	1,2,4-Trichlorobenzene	22.3		1	3.00	5.00	ug/Kg	11/13/25 11:09	VY111325
87-61-6	1,2,3-Trichlorobenzene	23.5		1	3.20	5.00	ug/Kg	11/13/25 11:09	VY111325

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	51.8			63 - 155	104%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6			70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	52.9			74 - 123	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.2			52 - 138	106%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	571000
540-36-3	1,4-Difluorobenzene	855000
3114-55-4	Chlorobenzene-d5	745000
3855-82-1	1,4-Dichlorobenzene-d4	371000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3615</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date(s):	<u>11/04/2025</u> <u>11/04/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Calibration Time(s):	<u>09:19</u> <u>11:27</u>
GC Column:	<u>RXI-624</u> ID: <u>0.25</u> (mm)		

LAB FILE ID:		RRF005 = VY023661.D		RRF010 = VY023662.D		RRF020 = VY023663.D		
		RRF050 = VY023664.D		RRF100 = VY023665.D		RRF150 = VY023666.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Dichlorodifluoromethane	0.391	0.380	0.373	0.275	0.284	0.266	0.328	17.9
Chloromethane	0.537	0.510	0.489	0.413	0.424	0.382	0.459	13.4
Vinyl Chloride	0.680	0.662	0.633	0.547	0.556	0.508	0.598	11.7
Bromomethane	0.587	0.555	0.530	0.443	0.464	0.437	0.503	12.5
Chloroethane	0.458	0.455	0.432	0.386	0.393	0.354	0.413	10.1
Trichlorofluoromethane	0.937	0.908	0.887	0.780	0.782	0.756	0.842	9.2
1,1,2-Trichlorotrifluoroethane	0.519	0.506	0.471	0.433	0.439	0.414	0.464	9.1
1,1-Dichloroethene	0.476	0.462	0.462	0.421	0.441	0.419	0.447	5.2
Acetone	0.115	0.106	0.115	0.094	0.105	0.102	0.106	7.4
Carbon Disulfide	1.479	1.468	1.424	1.288	1.330	1.237	1.371	7.3
Methyl tert-butyl Ether	0.980	0.945	1.059	1.008	1.132	1.091	1.036	6.8
Methyl Acetate	0.221	0.206	0.292	0.210	0.256	0.218	0.234	14.4
Methylene Chloride	0.652	0.532	0.515	0.460	0.476	0.436	0.512	15.1
trans-1,2-Dichloroethene	0.512	0.515	0.519	0.487	0.510	0.479	0.504	3.3
1,1-Dichloroethane	0.855	0.818	0.822	0.775	0.813	0.760	0.807	4.3
Cyclohexane	0.789	0.719	0.692	0.662	0.695	0.660	0.703	6.8
2-Butanone	0.128	0.113	0.130	0.111	0.127	0.127	0.123	6.8
Carbon Tetrachloride	0.516	0.491	0.501	0.477	0.494	0.473	0.492	3.2
cis-1,2-Dichloroethene	0.571	0.582	0.574	0.560	0.599	0.564	0.575	2.4
Bromochloromethane	0.317	0.329	0.329	0.290	0.311	0.279	0.309	6.7
Chloroform	0.957	0.934	0.919	0.863	0.898	0.833	0.901	5.1
1,1,1-Trichloroethane	0.852	0.833	0.820	0.769	0.803	0.753	0.805	4.7
Methylcyclohexane	0.499	0.495	0.536	0.539	0.569	0.563	0.534	5.8
Benzene	1.323	1.322	1.355	1.287	1.345	1.265	1.316	2.6
1,2-Dichloroethane	0.343	0.331	0.344	0.321	0.339	0.320	0.333	3.3
Trichloroethene	0.398	0.383	0.387	0.366	0.377	0.358	0.378	3.8
1,2-Dichloropropane	0.294	0.285	0.300	0.284	0.297	0.283	0.290	2.6
Bromodichloromethane	0.456	0.442	0.471	0.444	0.469	0.441	0.454	3
4-Methyl-2-Pentanone	0.143	0.136	0.170	0.158	0.181	0.180	0.162	11.8
Toluene	0.761	0.813	0.874	0.854	0.898	0.842	0.840	5.7

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>CORE02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3615</u>
Instrument ID: <u>MSVOA_Y</u>	Calibration Date(s): <u>11/04/2025</u> <u>11/04/2025</u>
Heated Purge: (Y/N) <u>Y</u>	Calibration Time(s): <u>09:19</u> <u>11:27</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID:		RRF005 = VY023661.D		RRF010 = VY023662.D		RRF020 = VY023663.D		
		RRF050 = VY023664.D		RRF100 = VY023665.D		RRF150 = VY023666.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.346	0.349	0.389	0.387	0.426	0.407	0.384	8.2
cis-1,3-Dichloropropene	0.419	0.434	0.475	0.463	0.495	0.474	0.460	6.1
1,1,2-Trichloroethane	0.244	0.230	0.250	0.234	0.249	0.236	0.241	3.5
2-Hexanone	0.101	0.099	0.127	0.115	0.132	0.133	0.118	12.9
Dibromochloromethane	0.325	0.314	0.342	0.326	0.347	0.329	0.330	3.7
1,2-Dibromoethane	0.221	0.208	0.240	0.222	0.238	0.226	0.226	5.3
Tetrachloroethene	0.554	0.549	0.545	0.512	0.500	0.462	0.520	6.9
Chlorobenzene	1.096	1.095	1.109	1.067	1.107	1.057	1.089	2
Ethyl Benzene	1.589	1.661	1.787	1.807	1.908	1.819	1.762	6.6
m/p-Xylenes	0.618	0.671	0.722	0.727	0.757	0.727	0.704	7.1
o-Xylene	0.562	0.600	0.659	0.674	0.717	0.691	0.651	9
Styrene	0.903	0.979	1.110	1.121	1.184	1.145	1.074	10.1
Bromoform	0.222	0.209	0.230	0.219	0.238	0.231	0.225	4.5
Isopropylbenzene	2.940	3.203	3.298	3.461	3.641	3.521	3.344	7.6
1,1,2,2-Tetrachloroethane	0.553	0.494	0.522	0.503	0.569	0.564	0.534	6
1,3-Dichlorobenzene	1.680	1.703	1.714	1.694	1.744	1.709	1.707	1.3
1,4-Dichlorobenzene	1.752	1.685	1.666	1.652	1.679	1.630	1.677	2.5
1,2-Dichlorobenzene	1.468	1.467	1.488	1.454	1.494	1.457	1.471	1.1
1,2-Dibromo-3-Chloropropane	0.085	0.076	0.083	0.076	0.086	0.086	0.082	5.7
1,2,4-Trichlorobenzene	0.738	0.747	0.835	0.853	0.933	0.944	0.842	10.5
1,2,3-Trichlorobenzene	0.619	0.611	0.698	0.717	0.782	0.791	0.703	10.9
1,2-Dichloroethane-d4	0.468	0.425	0.426	0.407	0.425	0.407	0.427	5.3
Dibromofluoromethane	0.312	0.316	0.312	0.310	0.318	0.308	0.312	1.2
Toluene-d8	1.109	1.148	1.155	1.189	1.224	1.159	1.164	3.3
4-Bromofluorobenzene	0.354	0.354	0.379	0.388	0.400	0.385	0.376	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.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3615</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>11/13/2025 09:48</u>
Lab File ID:	<u>VY023774.D</u>	Init. Calib. Date(s):	<u>11/04/2025 11/04/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:19 11:27</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.328	0.286		-12.81	20
Chloromethane	0.459	0.421	0.1	-8.28	20
Vinyl Chloride	0.598	0.540		-9.7	20
Bromomethane	0.503	0.419		-16.7	20
Chloroethane	0.413	0.364		-11.86	20
Trichlorofluoromethane	0.842	0.880		4.51	20
1,1,2-Trichlorotrifluoroethane	0.464	0.474		2.15	20
1,1-Dichloroethene	0.447	0.447		0	20
Acetone	0.106	0.112		5.66	20
Carbon Disulfide	1.371	1.363		-0.58	20
Methyl tert-butyl Ether	1.036	1.102		6.37	20
Methyl Acetate	0.234	0.227		-2.99	20
Methylene Chloride	0.512	0.506		-1.17	20
trans-1,2-Dichloroethene	0.504	0.519		2.98	20
1,1-Dichloroethane	0.807	0.849	0.1	5.2	20
Cyclohexane	0.703	0.709		0.85	20
2-Butanone	0.123	0.130		5.69	20
Carbon Tetrachloride	0.492	0.525		6.71	20
cis-1,2-Dichloroethene	0.575	0.590		2.61	20
Bromochloromethane	0.309	0.332		7.44	20
Chloroform	0.901	0.934		3.66	20
1,1,1-Trichloroethane	0.805	0.835		3.73	20
Methylcyclohexane	0.534	0.574		7.49	20
Benzene	1.316	1.422		8.06	20
1,2-Dichloroethane	0.333	0.359		7.81	20
Trichloroethene	0.378	0.392		3.7	20
1,2-Dichloropropane	0.290	0.319		10	20
Bromodichloromethane	0.454	0.495		9.03	20
4-Methyl-2-Pentanone	0.162	0.190		17.28	20
Toluene	0.840	0.923		9.88	20
t-1,3-Dichloropropene	0.384	0.425		10.68	20
cis-1,3-Dichloropropene	0.460	0.507		10.22	20
1,1,2-Trichloroethane	0.241	0.261		8.3	20
2-Hexanone	0.118	0.135		14.41	20
Dibromochloromethane	0.330	0.358		8.48	20
1,2-Dibromoethane	0.226	0.244		7.97	20
Tetrachloroethene	0.520	0.481		-7.5	20
Chlorobenzene	1.089	1.101	0.3	1.1	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3615</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>11/13/2025 09:48</u>
Lab File ID:	<u>VY023774.D</u>	Init. Calib. Date(s):	<u>11/04/2025 11/04/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:19 11:27</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.762	1.980		12.37	20
m/p-Xylenes	0.704	0.783		11.22	20
o-Xylene	0.651	0.741		13.82	20
Styrene	1.074	1.239		15.36	20
Bromoform	0.225	0.256	0.1	13.78	20
Isopropylbenzene	3.344	3.765		12.59	20
1,1,2,2-Tetrachloroethane	0.534	0.588	0.3	10.11	20
1,3-Dichlorobenzene	1.707	1.777		4.1	20
1,4-Dichlorobenzene	1.677	1.701		1.43	20
1,2-Dichlorobenzene	1.471	1.510		2.65	20
1,2-Dibromo-3-Chloropropane	0.082	0.087		6.1	20
1,2,4-Trichlorobenzene	0.842	0.868		3.09	20
1,2,3-Trichlorobenzene	0.703	0.670		-4.69	20
1,2-Dichloroethane-d4	0.427	0.433		1.4	20
Dibromofluoromethane	0.312	0.324		3.85	20
Toluene-d8	1.164	1.231		5.76	20
4-Bromofluorobenzene	0.376	0.495		31.65	20

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