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

LAB CHRONICLE

OrderID:	Q2592	**OrderDate:**	7/11/2025 3:05:25 PM
Client:	PARSONS Engineering of New York, Inc.	**Project:**	Con Edison - East River Site 2
Contact:	Zohar Lavy	**Location:**	D51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2592-01	**WC-SOIL-20250711**	**SOIL**			**07/11/25**			**07/11/25**
			VOCMS Group1	8260D			07/14/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

SAMPLE DATA

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	07/11/25
Project:	Con Edison - East River Site 2	Date Received:	07/11/25
Client Sample ID:	WC-SOIL-20250711	SDG No.:	Q2592
Lab Sample ID:	Q2592-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.7
Sample Wt/Vol:	6.94 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031845.D	1	07/14/25 13:07	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	4.70	U	1.10	4.70	ug/Kg
74-87-3	Chloromethane	4.70	U	1.10	4.70	ug/Kg
75-01-4	Vinyl Chloride	4.70	U	0.74	4.70	ug/Kg
74-83-9	Bromomethane	4.70	U	1.00	4.70	ug/Kg
75-00-3	Chloroethane	4.70	U	1.20	4.70	ug/Kg
75-69-4	Trichlorofluoromethane	4.70	U	1.10	4.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.70	U	1.00	4.70	ug/Kg
75-35-4	1,1-Dichloroethene	4.70	U	0.94	4.70	ug/Kg
67-64-1	Acetone	23.5	U	4.50	23.5	ug/Kg
75-15-0	Carbon Disulfide	4.70	U	1.00	4.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.70	U	0.69	4.70	ug/Kg
79-20-9	Methyl Acetate	4.70	U	1.40	4.70	ug/Kg
75-09-2	Methylene Chloride	9.40	U	3.30	9.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.70	U	0.81	4.70	ug/Kg
75-34-3	1,1-Dichloroethane	4.70	U	0.75	4.70	ug/Kg
110-82-7	Cyclohexane	4.70	U	0.74	4.70	ug/Kg
78-93-3	2-Butanone	23.5	U	6.10	23.5	ug/Kg
56-23-5	Carbon Tetrachloride	4.70	U	0.91	4.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.70	U	0.70	4.70	ug/Kg
74-97-5	Bromochloromethane	4.70	U	1.10	4.70	ug/Kg
67-66-3	Chloroform	4.70	U	0.79	4.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.70	U	0.87	4.70	ug/Kg
108-87-2	Methylcyclohexane	4.70	U	0.85	4.70	ug/Kg
71-43-2	Benzene	4.70	U	0.74	4.70	ug/Kg
107-06-2	1,2-Dichloroethane	4.70	U	0.74	4.70	ug/Kg
79-01-6	Trichloroethene	4.70	U	0.76	4.70	ug/Kg
78-87-5	1,2-Dichloropropane	4.70	U	0.85	4.70	ug/Kg
75-27-4	Bromodichloromethane	4.70	U	0.73	4.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	23.5	U	3.40	23.5	ug/Kg
108-88-3	Toluene	4.70	U	0.73	4.70	ug/Kg

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	07/11/25
Project:	Con Edison - East River Site 2	Date Received:	07/11/25
Client Sample ID:	WC-SOIL-20250711	SDG No.:	Q2592
Lab Sample ID:	Q2592-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.7
Sample Wt/Vol:	6.94 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031845.D	1	07/14/25 13:07	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	4.70	U	0.61	4.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	4.70	U	0.58	4.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	4.70	U	0.86	4.70	ug/Kg
591-78-6	2-Hexanone	23.5	U	3.50	23.5	ug/Kg
124-48-1	Dibromochloromethane	4.70	U	0.82	4.70	ug/Kg
106-93-4	1,2-Dibromoethane	4.70	U	0.83	4.70	ug/Kg
127-18-4	Tetrachloroethene	4.70	U	0.99	4.70	ug/Kg
108-90-7	Chlorobenzene	4.70	U	0.85	4.70	ug/Kg
100-41-4	Ethyl Benzene	4.70	U	0.63	4.70	ug/Kg
179601-23-1	m/p-Xylenes	9.40	U	1.20	9.40	ug/Kg
95-47-6	o-Xylene	4.70	U	0.77	4.70	ug/Kg
100-42-5	Styrene	4.70	U	0.67	4.70	ug/Kg
75-25-2	Bromoform	4.70	U	0.81	4.70	ug/Kg
98-82-8	Isopropylbenzene	4.70	U	0.73	4.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.70	U	1.10	4.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.70	U	1.60	4.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.70	U	1.50	4.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.70	U	1.40	4.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.70	U	1.70	4.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.70	U	2.80	4.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.70	U	3.00	4.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.4		63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	47.5		74 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	205000	7.965			
540-36-3	1,4-Difluorobenzene	387000	8.855			
3114-55-4	Chlorobenzene-d5	368000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	164000	13.556			

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	07/11/25
Project:	Con Edison - East River Site 2	Date Received:	07/11/25
Client Sample ID:	WC-SOIL-20250711	SDG No.:	Q2592
Lab Sample ID:	Q2592-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.7
Sample Wt/Vol:	6.94 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031845.D	1	07/14/25 13:07	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Surrogate Summary

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2592-01	WC-SOIL-20250711	1,2-Dichloroethane-d4	50	49.4	99		63	155
		Dibromofluoromethane	50	48.6	97		70	134
		Toluene-d8	50	47.5	95		74	123
		4-Bromofluorobenzene	50	51.5	103		17	146
VW0714SBL01	VW0714SBL01	1,2-Dichloroethane-d4	50	48.0	96		63	155
		Dibromofluoromethane	50	47.1	94		70	134
		Toluene-d8	50	44.9	90		74	123
		4-Bromofluorobenzene	50	46.2	92		17	146
VW0714SBS01	VW0714SBS01	1,2-Dichloroethane-d4	50	53.8	108		63	155
		Dibromofluoromethane	50	49.6	99		70	134
		Toluene-d8	50	51.4	103		74	123
		4-Bromofluorobenzene	50	52.3	105		17	146
VW0714SBSD0	VW0714SBSD01	1,2-Dichloroethane-d4	50	55.2	110		63	155
		Dibromofluoromethane	50	51.7	103		70	134
		Toluene-d8	50	50.5	101		74	123
		4-Bromofluorobenzene	50	54.1	108		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2592 **Analytical Method:** SW8260D

Client: PARSONS Engineering of New York, I **Datafile :** VW031838.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0714SBS01	Dichlorodifluoromethane	20	18.8	ug/Kg	94			64	136	
	Chloromethane	20	19.6	ug/Kg	98			52	151	
	Vinyl chloride	20	20.6	ug/Kg	103			56	148	
	Bromomethane	20	20.2	ug/Kg	101			58	141	
	Chloroethane	20	20.2	ug/Kg	101			69	130	
	Trichlorofluoromethane	20	16.8	ug/Kg	84			69	134	
	1,1,2-Trichlorotrifluoroethane	20	19.5	ug/Kg	98			81	123	
	1,1-Dichloroethene	20	20.5	ug/Kg	103			79	121	
	Acetone	100	87.1	ug/Kg	87			40	171	
	Carbon disulfide	20	18.7	ug/Kg	94			59	130	
	Methyl tert-butyl Ether	20	22.8	ug/Kg	114			77	129	
	Methyl Acetate	20	18.6	ug/Kg	93			69	149	
	Methylene Chloride	20	24.0	ug/Kg	120			72	131	
	trans-1,2-Dichloroethene	20	21.7	ug/Kg	109			80	123	
	1,1-Dichloroethane	20	22.2	ug/Kg	111			82	123	
	Cyclohexane	20	19.7	ug/Kg	99			76	122	
	2-Butanone	100	96.3	ug/Kg	96			69	131	
	Carbon Tetrachloride	20	17.9	ug/Kg	90			76	129	
	cis-1,2-Dichloroethene	20	22.3	ug/Kg	112			82	123	
	Bromochloromethane	20	21.9	ug/Kg	110			80	127	
	Chloroform	20	22.7	ug/Kg	114			82	125	
	1,1,1-Trichloroethane	20	20.7	ug/Kg	104			80	126	
	Methylcyclohexane	20	18.4	ug/Kg	92			77	123	
	Benzene	20	20.9	ug/Kg	104			84	121	
	1,2-Dichloroethane	20	20.4	ug/Kg	102			81	126	
	Trichloroethene	20	20.5	ug/Kg	103			83	122	
	1,2-Dichloropropane	20	21.4	ug/Kg	107			83	122	
	Bromodichloromethane	20	20.8	ug/Kg	104			82	123	
	4-Methyl-2-Pentanone	100	94.7	ug/Kg	95			70	135	
	Toluene	20	21.4	ug/Kg	107			83	122	
	t-1,3-Dichloropropene	20	20.4	ug/Kg	102			78	124	
	cis-1,3-Dichloropropene	20	21.0	ug/Kg	105			81	122	
	1,1,2-Trichloroethane	20	20.8	ug/Kg	104			82	125	
	2-Hexanone	100	95.7	ug/Kg	96			66	138	
	Dibromochloromethane	20	20.0	ug/Kg	100			79	125	
	1,2-Dibromoethane	20	19.5	ug/Kg	98			80	125	
	Tetrachloroethene	20	17.7	ug/Kg	89			83	125	
	Chlorobenzene	20	20.3	ug/Kg	102			84	122	
	Ethyl Benzene	20	20.7	ug/Kg	104			82	124	
	m/p-Xylenes	40	41.6	ug/Kg	104			83	124	
	o-Xylene	20	21.2	ug/Kg	106			83	123	
	Styrene	20	21.5	ug/Kg	108			82	124	
	Bromoform	20	18.3	ug/Kg	92			75	127	
	Isopropylbenzene	20	21.0	ug/Kg	105			82	124	
	1,1,2,2-Tetrachloroethane	20	20.8	ug/Kg	104			77	127	
	1,3-Dichlorobenzene	20	20.5	ug/Kg	103			83	122	
	1,4-Dichlorobenzene	20	21.6	ug/Kg	108			84	121	
	1,2-Dichlorobenzene	20	21.6	ug/Kg	108			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2592 **Analytical Method:** SW8260D

Client: PARSONS Engineering of New York, I **Datafile :** VW031838.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0714SBS01	1,2-Dibromo-3-Chloropropane	20	18.2	ug/Kg	91			66	134	
	1,2,4-Trichlorobenzene	20	20.7	ug/Kg	104			78	127	
	1,2,3-Trichlorobenzene	20	20.8	ug/Kg	104			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2592 **Analytical Method:** SW8260D

Client: PARSONS Engineering of New York, I **Datafile :** VW031839.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0714SBSD01	Dichlorodifluoromethane	20	16.9	ug/Kg	85	10		64	136	20
	Chloromethane	20	19.7	ug/Kg	99	1		52	151	20
	Vinyl chloride	20	20.0	ug/Kg	100	3		56	148	20
	Bromomethane	20	20.4	ug/Kg	102	1		58	141	20
	Chloroethane	20	20.1	ug/Kg	101	0		69	130	20
	Trichlorofluoromethane	20	19.3	ug/Kg	97	14		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/Kg	98	0		81	123	20
	1,1-Dichloroethene	20	20.0	ug/Kg	100	3		79	121	20
	Acetone	100	99.3	ug/Kg	99	13		40	171	20
	Carbon disulfide	20	18.5	ug/Kg	93	1		59	130	20
	Methyl tert-butyl Ether	20	22.8	ug/Kg	114	0		77	129	20
	Methyl Acetate	20	20.9	ug/Kg	104	11		69	149	20
	Methylene Chloride	20	24.5	ug/Kg	123	2		72	131	20
	trans-1,2-Dichloroethene	20	21.1	ug/Kg	106	3		80	123	20
	1,1-Dichloroethane	20	22.1	ug/Kg	111	0		82	123	20
	Cyclohexane	20	19.8	ug/Kg	99	0		76	122	20
	2-Butanone	100	110	ug/Kg	110	14		69	131	20
	Carbon Tetrachloride	20	18.5	ug/Kg	93	3		76	129	20
	cis-1,2-Dichloroethene	20	22.4	ug/Kg	112	0		82	123	20
	Bromochloromethane	20	22.9	ug/Kg	115	4		80	127	20
	Chloroform	20	22.5	ug/Kg	113	1		82	125	20
	1,1,1-Trichloroethane	20	20.6	ug/Kg	103	1		80	126	20
	Methylcyclohexane	20	18.1	ug/Kg	91	1		77	123	20
	Benzene	20	20.9	ug/Kg	104	0		84	121	20
	1,2-Dichloroethane	20	20.6	ug/Kg	103	1		81	126	20
	Trichloroethene	20	19.5	ug/Kg	98	5		83	122	20
	1,2-Dichloropropane	20	20.5	ug/Kg	103	4		83	122	20
	Bromodichloromethane	20	20.8	ug/Kg	104	0		82	123	20
	4-Methyl-2-Pentanone	100	100	ug/Kg	100	5		70	135	20
	Toluene	20	21.1	ug/Kg	106	1		83	122	20
	t-1,3-Dichloropropene	20	21.0	ug/Kg	105	3		78	124	20
	cis-1,3-Dichloropropene	20	21.0	ug/Kg	105	0		81	122	20
	1,1,2-Trichloroethane	20	21.0	ug/Kg	105	1		82	125	20
	2-Hexanone	100	110	ug/Kg	110	14		66	138	20
	Dibromochloromethane	20	19.5	ug/Kg	98	2		79	125	20
	1,2-Dibromoethane	20	20.8	ug/Kg	104	6		80	125	20
	Tetrachloroethene	20	17.3	ug/Kg	86	3		83	125	20
	Chlorobenzene	20	19.7	ug/Kg	99	3		84	122	20
	Ethyl Benzene	20	20.4	ug/Kg	102	2		82	124	20
	m/p-Xylenes	40	39.8	ug/Kg	100	4		83	124	20
	o-Xylene	20	20.5	ug/Kg	103	3		83	123	20
	Styrene	20	20.4	ug/Kg	102	6		82	124	20
	Bromoform	20	19.1	ug/Kg	96	4		75	127	20
	Isopropylbenzene	20	20.4	ug/Kg	102	3		82	124	20
	1,1,2,2-Tetrachloroethane	20	20.8	ug/Kg	104	0		77	127	20
	1,3-Dichlorobenzene	20	20.3	ug/Kg	102	1		83	122	20
	1,4-Dichlorobenzene	20	20.2	ug/Kg	101	7		84	121	20
	1,2-Dichlorobenzene	20	20.8	ug/Kg	104	4		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2592 **Analytical Method:** SW8260D

Client: PARSONS Engineering of New York, I **Datafile :** VW031839.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0714SBSD01	1,2-Dibromo-3-Chloropropane	20	19.2	ug/Kg	96	5		66	134	20
	1,2,4-Trichlorobenzene	20	19.8	ug/Kg	99	5		78	127	20
	1,2,3-Trichlorobenzene	20	19.2	ug/Kg	96	8		70	137	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW0714SBL01

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG NO.: Q2592

Lab File ID: VW031837.D Lab Sample ID: VW0714SBL01

Date Analyzed: 07/14/2025 Time Analyzed: 09:46

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
VW0714SBS01	VW0714SBS01	VW031838.D	07/14/2025
VW0714SBSD01	VW0714SBSD01	VW031839.D	07/14/2025
WC-SOIL-20250711	Q2592-01	VW031845.D	07/14/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: PARS02
Lab Code: ACE
SDG NO.: Q2592
Lab File ID: VW031728.D
BFB Injection Date: 06/30/2025
Instrument ID: MSVOA_W
BFB Injection Time: 08:56
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	19.7
75	30.0 - 60.0% of mass 95	52.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	65.4
175	5.0 - 9.0% of mass 174	5.4 (8.2) 1
176	95.0 - 101.0% of mass 174	64.8 (99.2) 1
177	5.0 - 9.0% of mass 176	4.1 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW031729.D	06/30/2025	09:54
VSTDICC010	VSTDICC010	VW031730.D	06/30/2025	10:15
VSTDICC020	VSTDICC020	VW031731.D	06/30/2025	10:58
VSTDICCC050	VSTDICCC050	VW031732.D	06/30/2025	11:21
VSTDICC100	VSTDICC100	VW031733.D	06/30/2025	12:34
VSTDICC150	VSTDICC150	VW031734.D	06/30/2025	12:55

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: PARS02
Lab Code: ACE
SDG NO.: Q2592
Lab File ID: VW031835.D
BFB Injection Date: 07/14/2025
Instrument ID: MSVOA_W
BFB Injection Time: 08:45
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	53.4
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	63.7
175	5.0 - 9.0% of mass 174	5.4 (8.5) 1
176	95.0 - 101.0% of mass 174	62.5 (98.1) 1
177	5.0 - 9.0% of mass 176	4 (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	VW031836.D	07/14/2025	09:17
VW0714SBL01	VW0714SBL01	VW031837.D	07/14/2025	09:46
VW0714SBS01	VW0714SBS01	VW031838.D	07/14/2025	10:14
VW0714SBSD01	VW0714SBSD01	VW031839.D	07/14/2025	10:36
WC-SOIL-20250711	Q2592-01	VW031845.D	07/14/2025	13:07

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG NO.: Q2592

Lab File ID: VW031836.D Date Analyzed: 07/14/2025

Instrument ID: MSVOA_W Time Analyzed: 09:17

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	228359	7.96	408363	8.85	364073	11.63
UPPER LIMIT	456718	8.459	816726	9.349	728146	12.129
LOWER LIMIT	114180	7.459	204182	8.349	182037	11.129
EPA SAMPLE NO.						
WC-SOIL-20250711	205400	7.97	386707	8.86	368231	11.64
VW0714SBL01	179274	7.96	359991	8.85	334968	11.64
VW0714SBS01	217952	7.96	419177	8.85	378051	11.63
VW0714SBSD01	213196	7.97	419599	8.86	383633	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG NO.: Q2592

Lab File ID: VW031836.D Date Analyzed: 07/14/2025

Instrument ID: MSVOA_W Time Analyzed: 09:17

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	165994	13.556				
UPPER LIMIT	331988	14.056				
LOWER LIMIT	82997	13.056				
EPA SAMPLE NO.						
WC-SOIL-20250711	164076	13.56				
VW0714SBL01	154203	13.56				
VW0714SBS01	171979	13.56				
VW0714SBSD01	180632	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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	VW0714SBL01	SDG No.:	Q2592
Lab Sample ID:	VW0714SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031837.D	1	07/14/25 09:46	VW071425

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

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	VW0714SBL01	SDG No.:	Q2592
Lab Sample ID:	VW0714SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031837.D	1	07/14/25 09:46	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	5.00	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	25.0	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	5.00	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	5.00	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	5.00	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	5.00	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	5.00	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	10.0	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	5.00	U	0.82	5.00	ug/Kg
100-42-5	Styrene	5.00	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	5.00	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	5.00	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.00	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.00	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	5.00	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5.00	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.0		63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	47.1		70 - 134	94%	SPK: 50
2037-26-5	Toluene-d8	44.9		74 - 123	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.2		17 - 146	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	179000	7.959			
540-36-3	1,4-Difluorobenzene	360000	8.849			
3114-55-4	Chlorobenzene-d5	335000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	154000	13.556			

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	VW0714SBL01	SDG No.:	Q2592
Lab Sample ID:	VW0714SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031837.D	1	07/14/25 09:46	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	VW0714SBS01	SDG No.:	Q2592
Lab Sample ID:	VW0714SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031838.D	1	07/14/25 10:14	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	18.8		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.6		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.6		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.2		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.2		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	16.8		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.5		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.5		1.00	5.00	ug/Kg
67-64-1	Acetone	87.1		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.7		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.8		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	18.6		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.0		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.7		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.2		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.7		0.79	5.00	ug/Kg
78-93-3	2-Butanone	96.3		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	17.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.3		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.7		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	18.4		0.91	5.00	ug/Kg
71-43-2	Benzene	20.9		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.4		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	94.7		3.60	25.0	ug/Kg
108-88-3	Toluene	21.4		0.78	5.00	ug/Kg

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	VW0714SBS01	SDG No.:	Q2592
Lab Sample ID:	VW0714SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031838.D	1	07/14/25 10:14	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.4		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.0		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.8		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	95.7		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.0		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	19.5		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	17.7		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.3		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.7		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.6		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.2		0.82	5.00	ug/Kg
100-42-5	Styrene	21.5		0.71	5.00	ug/Kg
75-25-2	Bromoform	18.3		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.0		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.6		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.6		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	18.2		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	20.8		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.8		63 - 155	108%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	51.4		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.3		17 - 146	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	218000	7.959			
540-36-3	1,4-Difluorobenzene	419000	8.849			
3114-55-4	Chlorobenzene-d5	378000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	172000	13.556			

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	VW0714SBS01	SDG No.:	Q2592
Lab Sample ID:	VW0714SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031838.D	1	07/14/25 10:14	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	VW0714SBSD01	SDG No.:	Q2592
Lab Sample ID:	VW0714SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031839.D	1	07/14/25 10:36	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	16.9		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.7		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.0		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.4		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.1		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	19.3		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.0		1.00	5.00	ug/Kg
67-64-1	Acetone	99.3		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.5		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.8		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	20.9		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.5		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.1		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.1		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.8		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	18.5		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.4		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	22.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.5		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.6		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	18.1		0.91	5.00	ug/Kg
71-43-2	Benzene	20.9		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.6		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	19.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	21.1		0.78	5.00	ug/Kg

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	VW0714SBSD01	SDG No.:	Q2592
Lab Sample ID:	VW0714SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031839.D	1	07/14/25 10:36	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	21.0		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.0		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.0		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.5		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.8		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	17.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	19.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.4		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.8		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.5		0.82	5.00	ug/Kg
100-42-5	Styrene	20.4		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.1		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.4		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.3		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.2		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.8		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.8		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.2		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.2		63 - 155	110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	50.5		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		17 - 146	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	213000	7.965			
540-36-3	1,4-Difluorobenzene	420000	8.855			
3114-55-4	Chlorobenzene-d5	384000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	181000	13.556			

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Edison - East River Site 2	Date Received:	
Client Sample ID:	VW0714SBSD01	SDG No.:	Q2592
Lab Sample ID:	VW0714SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031839.D	1	07/14/25 10:36	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG No.: Q2592

Instrument ID: MSVOA_W Calibration Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:54 12:55

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

LAB FILE ID: RRF005 = VW031729.D RRF010 = VW031730.D RRF020 = VW031731.D
RRF050 = VW031732.D RRF100 = VW031733.D RRF150 = VW031734.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.330	0.371	0.352	0.310	0.329	0.351	0.341	6.3
Chloromethane	0.409	0.410	0.428	0.375	0.405	0.436	0.411	5.1
Vinyl Chloride	0.523	0.534	0.576	0.514	0.545	0.546	0.540	4
Bromomethane	0.429	0.431	0.443	0.396	0.412	0.418	0.421	3.9
Chloroethane	0.370	0.372	0.379	0.347	0.360	0.372	0.367	3.1
Trichlorofluoromethane	0.509	0.508	0.442	0.469	0.466	0.546	0.490	7.7
1,1,2-Trichlorotrifluoroethane	0.577	0.563	0.569	0.508	0.517	0.530	0.544	5.4
1,1-Dichloroethene	0.602	0.625	0.622	0.556	0.581	0.588	0.596	4.4
Acetone	0.238	0.191	0.171	0.163	0.157	0.144	0.177	18.8
Carbon Disulfide	1.571	1.588	1.647	1.536	1.590	1.633	1.594	2.5
Methyl tert-butyl Ether	1.007	1.018	1.038	1.033	0.982	0.988	1.011	2.3
Methyl Acetate	0.540	0.523	0.498	0.528	0.467	0.485	0.507	5.6
Methylene Chloride	1.029	0.980	0.905	0.692	0.655	0.626	0.814	21.7
trans-1,2-Dichloroethene	0.635	0.623	0.667	0.613	0.631	0.629	0.633	2.9
1,1-Dichloroethane	1.154	1.163	1.219	1.116	1.131	1.153	1.156	3.1
Cyclohexane	1.175	1.065	1.033	0.937	0.940	0.981	1.022	8.9
2-Butanone	0.224	0.224	0.221	0.249	0.231	0.237	0.231	4.6
Carbon Tetrachloride	0.477	0.498	0.498	0.461	0.468	0.485	0.481	3.2
cis-1,2-Dichloroethene	0.711	0.709	0.754	0.716	0.736	0.740	0.728	2.5
Bromochloromethane	0.531	0.501	0.535	0.504	0.500	0.489	0.510	3.7
Chloroform	1.230	1.239	1.299	1.204	1.189	1.208	1.228	3.2
1,1,1-Trichloroethane	0.933	0.983	0.971	0.925	0.907	0.959	0.946	3.1
Methylcyclohexane	0.573	0.571	0.604	0.566	0.592	0.619	0.587	3.6
Benzene	1.410	1.394	1.483	1.375	1.349	1.371	1.397	3.4
1,2-Dichloroethane	0.490	0.490	0.493	0.464	0.449	0.445	0.472	4.7
Trichloroethene	0.344	0.346	0.367	0.344	0.337	0.354	0.349	3.1
1,2-Dichloropropane	0.348	0.344	0.353	0.331	0.324	0.325	0.338	3.7
Bromodichloromethane	0.509	0.512	0.524	0.511	0.502	0.510	0.511	1.4
4-Methyl-2-Pentanone	0.285	0.301	0.295	0.313	0.289	0.287	0.295	3.5
Toluene	0.882	0.898	0.938	0.876	0.874	0.899	0.894	2.7

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG No.: Q2592

Instrument ID: MSVOA_W Calibration Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:54 12:55

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

LAB FILE ID: RRF005 = VW031729.D RRF010 = VW031730.D RRF020 = VW031731.D
RRF050 = VW031732.D RRF100 = VW031733.D RRF150 = VW031734.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.432	0.460	0.491	0.496	0.497	0.500	0.480	5.7
cis-1,3-Dichloropropene	0.514	0.521	0.571	0.549	0.547	0.560	0.544	4.1
1,1,2-Trichloroethane	0.299	0.282	0.299	0.285	0.275	0.273	0.286	4
2-Hexanone	0.185	0.201	0.195	0.219	0.201	0.199	0.200	5.6
Dibromochloromethane	0.329	0.332	0.353	0.352	0.336	0.345	0.341	3
1,2-Dibromoethane	0.288	0.285	0.296	0.290	0.274	0.281	0.286	2.7
Tetrachloroethene	0.331	0.321	0.324	0.314	0.329	0.344	0.327	3.2
Chlorobenzene	1.128	1.116	1.116	1.062	1.078	1.120	1.103	2.4
Ethyl Benzene	1.860	1.899	1.911	1.885	1.934	1.989	1.913	2.3
m/p-Xylenes	0.690	0.730	0.751	0.727	0.750	0.764	0.735	3.6
o-Xylene	0.636	0.654	0.685	0.682	0.705	0.723	0.681	4.7
Styrene	1.066	1.154	1.195	1.209	1.206	1.232	1.177	5.1
Bromoform	0.197	0.202	0.203	0.219	0.215	0.223	0.210	5.1
Isopropylbenzene	3.643	3.549	3.683	3.732	4.080	4.132	3.803	6.4
1,1,2,2-Tetrachloroethane	0.891	0.839	0.812	0.843	0.829	0.852	0.844	3.2
1,3-Dichlorobenzene	1.771	1.705	1.683	1.644	1.681	1.723	1.701	2.5
1,4-Dichlorobenzene	1.815	1.750	1.700	1.702	1.735	1.745	1.741	2.4
1,2-Dichlorobenzene	1.599	1.518	1.511	1.575	1.563	1.563	1.555	2.2
1,2-Dibromo-3-Chloropropane	0.169	0.159	0.153	0.166	0.167	0.174	0.165	4.6
1,2,4-Trichlorobenzene	0.965	0.899	0.929	0.933	1.000	1.028	0.959	5
1,2,3-Trichlorobenzene	0.863	0.865	0.827	0.862	0.944	0.926	0.881	5
1,2-Dichloroethane-d4	0.731	0.732	0.739	0.715	0.702	0.687	0.718	2.8
Dibromofluoromethane	0.322	0.324	0.348	0.324	0.327	0.312	0.326	3.6
Toluene-d8	1.121	1.245	1.290	1.208	1.229	1.193	1.214	4.7
4-Bromofluorobenzene	0.436	0.452	0.463	0.447	0.450	0.434	0.447	2.4

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: PARS02
Lab Code: ACE
SDG No.: Q2592
Instrument ID: MSVOA_W
Calibration Date/Time: 07/14/2025 09:17
Lab File ID: VW031836.D
Init. Calib. Date(s): 06/30/2025 06/30/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:54 12:55
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.341	0.280		-17.89	20
Chloromethane	0.411	0.378	0.1	-8.03	20
Vinyl Chloride	0.540	0.531		-1.67	20
Bromomethane	0.421	0.400		-4.99	20
Chloroethane	0.367	0.358		-2.45	20
Trichlorofluoromethane	0.490	0.456		-6.94	20
1,1,2-Trichlorotrifluoroethane	0.544	0.533		-2.02	20
1,1-Dichloroethene	0.596	0.589		-1.17	20
Acetone	0.177	0.145		-18.08	20
Carbon Disulfide	1.594	1.487		-6.71	20
Methyl tert-butyl Ether	1.011	1.128		11.57	20
Methyl Acetate	0.507	0.534		5.32	20
Methylene Chloride	0.814	0.750		-7.86	20
trans-1,2-Dichloroethene	0.633	0.635		0.32	20
1,1-Dichloroethane	1.156	1.213	0.1	4.93	20
Cyclohexane	1.022	0.980		-4.11	20
2-Butanone	0.231	0.228		-1.3	20
Carbon Tetrachloride	0.481	0.486		1.04	20
cis-1,2-Dichloroethene	0.728	0.791		8.65	20
Bromochloromethane	0.510	0.541		6.08	20
Chloroform	1.228	1.308		6.51	20
1,1,1-Trichloroethane	0.946	0.958		1.27	20
Methylcyclohexane	0.587	0.596		1.53	20
Benzene	1.397	1.493		6.87	20
1,2-Dichloroethane	0.472	0.504		6.78	20
Trichloroethene	0.349	0.356		2.01	20
1,2-Dichloropropane	0.338	0.370		9.47	20
Bromodichloromethane	0.511	0.557		9	20
4-Methyl-2-Pentanone	0.295	0.307		4.07	20
Toluene	0.894	0.965		7.94	20
t-1,3-Dichloropropene	0.480	0.537		11.88	20
cis-1,3-Dichloropropene	0.544	0.609		11.95	20
1,1,2-Trichloroethane	0.286	0.308		7.69	20
2-Hexanone	0.200	0.211		5.5	20
Dibromochloromethane	0.341	0.372		9.09	20
1,2-Dibromoethane	0.286	0.299		4.55	20
Tetrachloroethene	0.327	0.316		-3.36	20
Chlorobenzene	1.103	1.152	0.3	4.44	20

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: PARS02
Lab Code: ACE
SDG No.: Q2592
Instrument ID: MSVOA_W
Calibration Date/Time: 07/14/2025 09:17
Lab File ID: VW031836.D
Init. Calib. Date(s): 06/30/2025 06/30/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:54 12:55
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.913	2.034		6.32	20
m/p-Xylenes	0.735	0.786		6.94	20
o-Xylene	0.681	0.751		10.28	20
Styrene	1.177	1.279		8.67	20
Bromoform	0.210	0.216	0.1	2.86	20
Isopropylbenzene	3.803	4.171		9.68	20
1,1,2,2-Tetrachloroethane	0.844	0.921	0.3	9.12	20
1,3-Dichlorobenzene	1.701	1.869		9.88	20
1,4-Dichlorobenzene	1.741	1.813		4.14	20
1,2-Dichlorobenzene	1.555	1.670		7.39	20
1,2-Dibromo-3-Chloropropane	0.165	0.166		0.61	20
1,2,4-Trichlorobenzene	0.959	0.982		2.4	20
1,2,3-Trichlorobenzene	0.881	0.953		8.17	20
1,2-Dichloroethane-d4	0.718	0.717		-0.14	20
Dibromofluoromethane	0.326	0.332		1.84	20
Toluene-d8	1.214	1.228		1.15	20
4-Bromofluorobenzene	0.447	0.466		4.25	20

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