Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Aquino Lancaster
Centek Laboratories, LLC # C2004010
June 17, 2025
Sampling date: 4/6/2020

Prepared by

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Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Matrix Environmental Technologies Inc., Aquino Lancaster site, Centek Laboratories, LLC, Project SDG#C2004010, submitted to Vali-Data of WNY, LLC on April 8, 2025. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) (SOP NO. HW-31, revision 6, June 2014) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999.

ID	Sample ID	Laboratory ID
1	Building 1-indoor Air	C2004010-001A

VOLATILE ORGANIC COMPOUND

The following items/criteria were reviewed for this report:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain-of-Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Recovery
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Tuning
- Canister Certification Blanks

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Laboratory Control Samples.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All criteria were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE RECOVERY
All criteria were met.

METHOD BLANK
All criteria were met.

TRIP BLANKS
No trip blank was acquired.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met except a target analyte was outside QC limits in the laboratory control samples and should be qualified as estimated.

Target Analyte	%RPD	Qualifier	Associated Sample
Chloroethane	40.9	UJ	1

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.

CONTINUING CALIBRATION
All criteria were met.

GC/MS TUNING
All criteria were met.

CANISTER CERTIFICATION BLANKS
All criteria were met.

CENTEK LABORATORIES, LLC

Date: *24-Apr-20*

CLIENT: Matrix Environmental Technologies, Inc

Project: Aquino 65-67 Lake Ave.

Lab Order: C2004010

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Centek Laboratories, LLC SOP TS-80
Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

NYSDEC ASP samples:
Canisters should be evacuated to a reading of less than or equal to 50 millitorr prior to shipment to sampling personnel. The vacuum in the canister will be field checked prior to sampling, and must read 28" of Hg (±2", vacuum, absolute) before a sample can be collected. After the sample has been collected, the pressure of the canister will be read and recorded again, and must be 5" of Hg (±1", vacuum, absolute) for the sample to be valid. Once received at the laboratory, the canister vacuum should be confirmed to be 5" of Hg,±1". Please record and report the pressure/vacuum of received canisters on the sample receipt paperwork. A pressure/vacuum reading should also be taken just prior to the withdrawal of sample from the canister, and recorded on the sample preparation log sheet. All regulators are calibrated to meet these requirements before they leave the laboratory. However, due to environmental conditions and use of the equipment Centek can not guarantee that this criteria can always be achieved.

Centek Laboratories, LLC

Date: *17-Apr-20*

CLIENT: Matrix Environmental Technologies, Inc
Lab Order: C2004010
Project: Aquino 65-67 Lake Ave.
Lab ID: C2004010-001A

Client Sample ID: Building 1- Indoor Air
Tag Number: 287,173
Collection Date: 4/6/2020
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-1			"Hg		4/9/2020
Lab Vacuum Out	-30			"Hg		4/9/2020
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	4/9/2020 4:26:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
1,2,4-Trimethylbenzene	0.24	0.15		ppbV	1	4/9/2020 4:26:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
1,3,5-Trimethylbenzene	0.10	0.15	J	ppbV	1	4/9/2020 4:26:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	4/9/2020 4:26:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Acetone	14	3.0		ppbV	10	4/10/2020 12:14:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Benzene	0.30	0.15		ppbV	1	4/9/2020 4:26:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Bromoform	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Carbon disulfide	0.10	0.15	J	ppbV	1	4/9/2020 4:26:00 PM
Carbon tetrachloride	< 0.030	0.030		ppbV	1	4/9/2020 4:26:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Chloroform	0.18	0.15		ppbV	1	4/9/2020 4:26:00 PM
Chloromethane	0.71	0.15		ppbV	1	4/9/2020 4:26:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	4/9/2020 4:26:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Ethyl acetate	0.21	0.15		ppbV	1	4/9/2020 4:26:00 PM

Qualifiers:

SC	Sub-Contracted	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	DL	Detection Limit

Centek Laboratories, LLC

Date: *17-Apr-20*

CLIENT:	Matrix Environmental Technologies, Inc	**Client Sample ID:**	Building 1- Indoor Air
Lab Order:	C2004010	**Tag Number:**	287,173
Project:	Aquino 65-67 Lake Ave.	**Collection Date:**	4/6/2020
Lab ID:	C2004010-001A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Freon 11	0.22	0.15		ppbV	1	4/9/2020 4:26:00 PM
Freon 113	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Freon 114	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Freon 12	0.46	0.15		ppbV	1	4/9/2020 4:26:00 PM
Heptane	0.11	0.15	J	ppbV	1	4/9/2020 4:26:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Hexane	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Isopropyl alcohol	4.1	1.5		ppbV	10	4/10/2020 12:14:00 AM
m&p-Xylene	0.33	0.30		ppbV	1	4/9/2020 4:26:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	4/9/2020 4:26:00 PM
Methyl Ethyl Ketone	2.7	3.0	J	ppbV	10	4/10/2020 12:14:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	4/9/2020 4:26:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Methylene chloride	0.19	0.15		ppbV	1	4/9/2020 4:26:00 PM
o-Xylene	0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Propylene	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Styrene	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Tetrachloroethylene	0.27	0.15		ppbV	1	4/9/2020 4:26:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Toluene	0.74	0.15		ppbV	1	4/9/2020 4:26:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Trichloroethene	< 0.030	0.030		ppbV	1	4/9/2020 4:26:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	4/9/2020 4:26:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	4/9/2020 4:26:00 PM
Surr: Bromofluorobenzene	112	70-130		%REC	1	4/9/2020 4:26:00 PM

Qualifiers:	SC	Sub-Contracted	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	DL	Detection Limit

CLIENT: Matrix Environmental Technologies, Inc
Work Order: C2004010
Project: Aquino 65-67 Lake Ave.

TestCode: 0.20_NYS

Sample ID: ALCS1UGD-040920 SampType: LCSD TestCode: 0.20_NYS Units: ppbV Prep Date: RunNo: 16240
Client ID: ZZZZZ Batch ID: R16240 TestNo: TO-15 Analysis Date: 4/9/2020 SeqNo: 184807

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-ethyltoluene	1.070	0.15	1	0	107	70	130	1.09	1.85	30	
Acetone	1.160	0.30	1	0	116	70	130	1.1	5.31	30	
Allyl chloride	0.9700	0.15	1	0	97.0	70	130	0.95	2.08	30	
Benzene	1.120	0.15	1	0	112	70	130	1.11	0.897	30	
Benzyl chloride	1.040	0.15	1	0	104	70	130	0.85	20.1	30	
Bromodichloromethane	1.000	0.15	1	0	100	70	130	1.08	7.69	30	
Bromoform	0.8000	0.15	1	0	80.0	70	130	0.83	3.68	30	
Bromomethane	0.8400	0.15	1	0	84.0	70	130	1.08	25.0	30	
Carbon disulfide	1.020	0.15	1	0	102	70	130	1.04	1.94	30	
Carbon tetrachloride	1.010	0.030	1	0	101	70	130	1.08	6.70	30	
Chlorobenzene	1.060	0.15	1	0	106	70	130	1.08	1.87	30	
Chloroethane	0.7400	0.15	1	0	74.0	70	130	1.12	40.9	30	R
Chloroform	1.000	0.15	1	0	100	70	130	0.99	1.01	30	
Chloromethane	0.8200	0.15	1	0	82.0	70	130	0.86	4.76	30	
cis-1,2-Dichloroethene	1.020	0.040	1	0	102	70	130	0.96	6.06	30	
cis-1,3-Dichloropropene	1.080	0.15	1	0	108	70	130	1.13	4.52	30	
Cyclohexane	1.050	0.15	1	0	105	70	130	1.09	3.74	30	
Dibromochloromethane	0.9500	0.15	1	0	95.0	70	130	0.99	4.12	30	
Ethyl acetate	0.9700	0.15	1	0	97.0	70	130	0.95	2.08	30	
Ethylbenzene	0.9900	0.15	1	0	99.0	70	130	1	1.01	30	
Freon 11	0.9800	0.15	1	0	98.0	70	130	0.97	1.03	30	
Freon 113	1.050	0.15	1	0	105	70	130	1.03	1.92	30	
Freon 114	0.8900	0.15	1	0	89.0	70	130	0.93	4.40	30	
Freon 12	0.9400	0.15	1	0	94.0	70	130	0.97	3.14	30	
Heptane	1.060	0.15	1	0	106	70	130	1.1	3.70	30	
Hexachloro-1,3-buladiene	1.120	0.15	1	0	112	70	130	1.12	0	30	
Hexane	0.9300	0.15	1	0	93.0	70	130	0.88	5.52	30	
Isopropyl alcohol	1.060	0.15	1	0	106	70	130	0.95	10.9	30	
m&p-Xylene	2.140	0.30	2	0	107	70	130	2.2	2.76	30	
Methyl Butyl Ketone	1.020	0.30	1	0	102	70	130	0.99	2.99	30	
Methyl Ethyl Ketone	0.9400	0.30	1	0	94.0	70	130	0.92	2.15	30	

Qualifiers:
. Results reported are not blank corrected
J Analyte detected below quantitation limit
S Spike Recovery outside accepted recovery limits
E Estimated Value above quantitation range
ND Not Detected at the Limit of Detection
DL Detection Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits