



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

CASE NARRATIVE

Water Resource Technologies, Inc.

Project Name: Air - TO-15

Project # N/A

Order ID # Q2359

Test Name: TO-15

A. Number of Samples and Date of Receipt:

1 Air sample was received on 06/19/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested:
TO-15. This data package contains results for TO-15.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_L were done using GC column RTX-1, which is 60 meters, 0.32 mm id, 1.0 um df, Restek Cat. #10157. The Trap was supplied by Entech, glass bead and Tenax , Entech 7100A Preconcentrator. The analysis of TO-15 was based on method TO-15.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

Sample SS-1 was diluted due to high concentration.

E. Additional Comments:

The not QT review data is reported in the Miscellaneous.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

The Sample #SS-1 and SS-1DL have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

The Manual Integrations are performed for the followings.

Manual Integration Report

Sequence	VL052925	Instrument	MSVOA_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICCC010	VL042579.D	Ethanol	SAM	5/30/2025 7:46:58 AM	MMDado da	5/30/2025 12:25:20 PM	Peak Integrated by Software incorrectly
VSTDICCC010	VL042579.D	m/p-Xylene	SAM	5/30/2025 7:46:58 AM	MMDado da	5/30/2025 12:25:20 PM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042580.D	1,4-Dioxane	SAM	5/30/2025 7:47:04 AM	MMDado da	5/30/2025 12:25:22 PM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042580.D	Ethanol	SAM	5/30/2025 7:47:04 AM	MMDado da	5/30/2025 12:25:22 PM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042580.D	m/p-Xylene	SAM	5/30/2025 7:47:04 AM	MMDado da	5/30/2025 12:25:22 PM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042580.D	Methyl Methacrylate	SAM	5/30/2025 7:47:04 AM	MMDado da	5/30/2025 12:25:22 PM	Peak Integrated by Software incorrectly

VSTDICCO02	VL042580.D	t-1,3-Dichloropropene	SAM	5/30/2025 7:47:04 AM	MMDado da	5/30/2025 12:25:22 PM	Peak Integrated by Software incorrectly
VSTDICCO01	VL042581.D	1,1,2-Trichloroethane	SAM	5/30/2025 7:47:55 AM	MMDado da	5/30/2025 12:25:24 PM	Peak Integrated by Software incorrectly
VSTDICCO01	VL042581.D	1,4-Dioxane	SAM	5/30/2025 7:47:55 AM	MMDado da	5/30/2025 12:25:24 PM	Peak Integrated by Software incorrectly
VSTDICCO01	VL042581.D	2,2,4-Trimethylpentane	SAM	5/30/2025 7:47:55 AM	MMDado da	5/30/2025 12:25:24 PM	Peak Integrated by Software incorrectly
VSTDICCO01	VL042581.D	cis-1,3-Dichloropropene	SAM	5/30/2025 7:47:55 AM	MMDado da	5/30/2025 12:25:24 PM	Peak Integrated by Software incorrectly
VSTDICCO01	VL042581.D	Heptane	SAM	5/30/2025 7:47:55 AM	MMDado da	5/30/2025 12:25:24 PM	Peak Integrated by Software incorrectly
VSTDICCO01	VL042581.D	m/p-Xylene	SAM	5/30/2025 7:47:55 AM	MMDado da	5/30/2025 12:25:24 PM	Peak Integrated by Software incorrectly

VSTDICCO01	VL042581.D	t-1,3-Dichloropropene	SAM	5/30/2025 7:47:55 AM	MMDado da	5/30/2025 12:25:24 PM	Peak Integrated by Software incorrectly
VSTDICCO.5	VL042582.D	1,1,2-Trichloroethane	SAM	5/30/2025 7:48:07 AM	MMDado da	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDICCO.5	VL042582.D	1,2-Dichloropropane	SAM	5/30/2025 7:48:07 AM	MMDado da	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDICCO.5	VL042582.D	1,4-Dioxane	SAM	5/30/2025 7:48:07 AM	MMDado da	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDICCO.5	VL042582.D	4-Methyl-2-Pentanone	SAM	5/30/2025 7:48:07 AM	MMDado da	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDICCO.5	VL042582.D	Benzyl Chloride	SAM	5/30/2025 7:48:07 AM	MMDado da	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDICCO.5	VL042582.D	cis-1,3-Dichloropropene	SAM	5/30/2025 7:48:07 AM	MMDado da	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly

VSTDIC0.5	VL04258 2.D	Cyclohexane	SAM	5/30/20 25 7:48:07 AM	MMDado da	5/30/20 25 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04258 2.D	Dibromochloromethane	SAM	5/30/20 25 7:48:07 AM	MMDado da	5/30/20 25 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04258 2.D	Ethanol	SAM	5/30/20 25 7:48:07 AM	MMDado da	5/30/20 25 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04258 2.D	m/p-Xylene	SAM	5/30/20 25 7:48:07 AM	MMDado da	5/30/20 25 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL04258 3.D	1,2-Dibromoethane	SAM	5/30/20 25 7:48:14 AM	MMDado da	5/30/20 25 12:25:28 PM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL04258 3.D	Naphthalene	SAM	5/30/20 25 7:48:14 AM	MMDado da	5/30/20 25 12:25:28 PM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL04258 3.D	Tetrachloroethene	SAM	5/30/20 25 7:48:14 AM	MMDado da	5/30/20 25 12:25:28 PM	Peak Integrated by Software incorrectly

VSTDICCO.1	VL04258 3.D	Trichloroethene	SAM	5/30/20 25 7:48:14 AM	MMDado da	5/30/20 25 12:25:28 PM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL04258 4.D	1,1,1-Trichloroethane	SAM	5/30/20 25 7:47:15 AM	MMDado da	5/30/20 25 12:25:30 PM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL04258 4.D	Carbon Tetrachloride	SAM	5/30/20 25 7:47:15 AM	MMDado da	5/30/20 25 12:25:30 PM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL04258 4.D	Tetrachloroethene	SAM	5/30/20 25 7:47:15 AM	MMDado da	5/30/20 25 12:25:30 PM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL04258 4.D	Trichloroethene	SAM	5/30/20 25 7:47:15 AM	MMDado da	5/30/20 25 12:25:30 PM	Peak Integrated by Software incorrectly
VSTDICCO 15	VL04258 5.D	Ethanol	SAM	5/30/20 25 7:48:19 AM	MMDado da	5/30/20 25 12:25:32 PM	Peak Integrated by Software incorrectly
VSTDICCO 15	VL04258 5.D	m/p-Xylene	SAM	5/30/20 25 7:48:19 AM	MMDado da	5/30/20 25 12:25:32 PM	Peak Integrated by Software incorrectly

VSTDICV010	VL042586.D	Ethanol	SAM	5/30/2025 7:48:25 AM	MMDado da	5/30/2025 12:25:34 PM	Peak Integrated by Software incorrectly
VSTDICV010	VL042586.D	m/p-Xylene	SAM	5/30/2025 7:48:25 AM	MMDado da	5/30/2025 12:25:34 PM	Peak Integrated by Software incorrectly
VSTDICV010	VL042586.D	t-1,3-Dichloropropene	SAM	5/30/2025 7:48:25 AM	MMDado da	5/30/2025 12:25:34 PM	Peak Integrated by Software incorrectly

Manual Integration Report			
Sequence	VL061925	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STDCCC010	VL042647.D	m/p-Xylene	SAM	6/23/2025 7:55:57 AM	MMDado da	6/23/2025 1:16:41 PM	Peak Integrated by Software incorrectly
VL0619ABS01	VL042649.D	m/p-Xylene	SAM	6/23/2025 7:56:11 AM	MMDado da	6/23/2025 1:16:45 PM	Peak Integrated by Software incorrectly
Q2359-01DL	VL042650.D	Chloromethane	SAM	6/23/2025 7:56:55 AM	MMDado da	6/23/2025 1:16:48 PM	Peak Integrated by Software

							incorrectly
Q2359-01DL	VL04265 0.D	Heptane	SAM	6/23/20 25 7:56:55 AM	MMDado da	6/23/20 25 1:16:48 PM	Peak Integrated by Software incorrectly
Q2359-01DL	VL04265 0.D	m/p-Xylene	SAM	6/23/20 25 7:56:55 AM	MMDado da	6/23/20 25 1:16:48 PM	Peak Integrated by Software incorrectly
Q2359-01	VL04265 1.D	2,2,4-Trimethylpentane	SAM	6/23/20 25 7:56:21 AM	MMDado da	6/23/20 25 1:16:50 PM	Peak Integrated by Software incorrectly
Q2359-01	VL04265 1.D	Chlorodifluoromethane	SAM	6/23/20 25 7:56:21 AM	MMDado da	6/23/20 25 1:16:50 PM	Peak Integrated by Software incorrectly
Q2359-01	VL04265 1.D	n-Butylbenzene	SAM	6/23/20 25 7:56:21 AM	MMDado da	6/23/20 25 1:16:50 PM	Peak Integrated by Software incorrectly
Q2359-01	VL04265 1.D	Vinyl Acetate	SAM	6/23/20 25 7:56:21 AM	MMDado da	6/23/20 25 1:16:50 PM	Peak Integrated by Software incorrectly
Q2359-01	VL04265 1.D	Vinyl Chloride	SAM	6/23/20 25 7:56:21 AM	MMDado da	6/23/20 25 1:16:50 PM	Peak Integrated by Software

							e incorec tly
Q2359-01DUP	VL04265 2.D	2,2,4-Trimethylpentane	SAM	6/23/2025 7:57:00 AM	MMDado da	6/23/2025 1:16:54 PM	Peak Integrat ed by Softwar e incorrec tly
Q2359-01DUP	VL04265 2.D	Carbon Tetrachloride	SAM	6/23/2025 7:57:00 AM	MMDado da	6/23/2025 1:16:54 PM	Peak Integrat ed by Softwar e incorrec tly
Q2359-01DUP	VL04265 2.D	Chlorodifluoromet hane	SAM	6/23/2025 7:57:00 AM	MMDado da	6/23/2025 1:16:54 PM	Peak Integrat ed by Softwar e incorrec tly
Q2359-01DUP	VL04265 2.D	Ethyl Benzene	SAM	6/23/2025 7:57:00 AM	MMDado da	6/23/2025 1:16:54 PM	Peak Integrat ed by Softwar e incorrec tly
Q2359-01DUP	VL04265 2.D	n-Butylbenzene	SAM	6/23/2025 7:57:00 AM	MMDado da	6/23/2025 1:16:54 PM	Peak Integrat ed by Softwar e incorrec tly
Q2359-01DUP	VL04265 2.D	Naphthalene,2-methyl-	SAM	6/23/2025 7:57:00 AM	MMDado da	6/23/2025 1:16:54 PM	Peak Integrat ed by Softwar e incorrec tly
Q2359-01DUP	VL04265 2.D	Vinyl Acetate	SAM	6/23/2025 7:57:00	MMDado da	6/23/2025 1:16:54	Peak Integrat ed by



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				AM		PM	Software incorrectly
Q2359-01DUP	VL04265 2.D	Vinyl Chloride	SAM	6/23/2025 7:57:00 AM	MMDado da	6/23/2025 1:16:54 PM	Peak Integrated by Software incorrectly

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____