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CASE NARRATIVE

RMJ Environomics, Inc.

Project Name: 32 Park St Orange NJ

Project # N/A

Order ID # Q1908

Test Name: TO-15

A. Number of Samples and Date of Receipt:

3 Air samples were received on 04/28/2025.

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.

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 Manual Integrations are performed for the followings.

Manual Integration Report			
Sequence	vl041725	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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VSTDICCC010	VL042349.D	m/p-Xylene	SAM	4/18/2025 4:19:07 PM	MMDadoda	4/18/2025 10:45:20 PM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042350.D	1,4-Dioxane	SAM	4/18/2025 4:19:12 PM	MMDadoda	4/18/2025 10:45:17 PM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042350.D	cis-1,3-Dichloropropene	SAM	4/18/2025 4:19:12 PM	MMDadoda	4/18/2025 10:45:17 PM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042350.D	Ethanol	SAM	4/18/2025 4:19:12 PM	MMDadoda	4/18/2025 10:45:17 PM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042350.D	Heptane	SAM	4/18/2025 4:19:12 PM	MMDadoda	4/18/2025 10:45:17 PM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042350.D	m/p-Xylene	SAM	4/18/2025 4:19:12 PM	MMDadoda	4/18/2025 10:45:17 PM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042350.D	Trichloroethene	SAM	4/18/2025 4:19:12 PM	MMDadoda	4/18/2025 10:45:17 PM	Peak Integrated by Software incorrectly
VSTDICCC001	VL042351.D	1,1,2-Trichloroethane	SAM	4/18/2025 4:19:17 PM	MMDadoda	4/18/2025 10:45:15 PM	Peak Integrated by Software incorrectly
VSTDICCC001	VL042351.D	1,3-Butadiene	SAM	4/18/2025 4:19:17 PM	MMDadoda	4/18/2025 10:45:15 PM	Peak Integrated by Software incorrectly
VSTDICCC001	VL042351.D	1,4-Dioxane	SAM	4/18/2025 4:19:17 PM	MMDadoda	4/18/2025 10:45:15 PM	Peak Integrated by Software incorrectly
VSTDICCC001	VL042351.D	2,2,4-Trimethylpentane	SAM	4/18/2025 4:19:17 PM	MMDadoda	4/18/2025 10:45:15 PM	Peak Integrated by Software incorrectly

VSTDIC001	VL042351.D	cis-1,3-Dichloropropene	SAM	4/18/2025 4:19:17 PM	MMDadoda	4/18/2025 10:45:15 PM	Peak Integrated by Software incorrectly
VSTDIC001	VL042351.D	Cyclohexane	SAM	4/18/2025 4:19:17 PM	MMDadoda	4/18/2025 10:45:15 PM	Peak Integrated by Software incorrectly
VSTDIC001	VL042351.D	Ethanol	SAM	4/18/2025 4:19:17 PM	MMDadoda	4/18/2025 10:45:15 PM	Peak Integrated by Software incorrectly
VSTDIC001	VL042351.D	Heptane	SAM	4/18/2025 4:19:17 PM	MMDadoda	4/18/2025 10:45:15 PM	Peak Integrated by Software incorrectly
VSTDIC001	VL042351.D	m/p-Xylene	SAM	4/18/2025 4:19:17 PM	MMDadoda	4/18/2025 10:45:15 PM	Peak Integrated by Software incorrectly
VSTDIC001	VL042351.D	Methyl Methacrylate	SAM	4/18/2025 4:19:17 PM	MMDadoda	4/18/2025 10:45:15 PM	Peak Integrated by Software incorrectly
VSTDIC001	VL042351.D	t-1,3-Dichloropropene	SAM	4/18/2025 4:19:17 PM	MMDadoda	4/18/2025 10:45:15 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042352.D	1,1,2-Trichloroethane	SAM	4/18/2025 4:20:33 PM	MMDadoda	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042352.D	1,2-Dichloropropane	SAM	4/18/2025 4:20:33 PM	MMDadoda	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042352.D	1,4-Dioxane	SAM	4/18/2025 4:20:33 PM	MMDadoda	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042352.D	4-Methyl-2-Pentanone	SAM	4/18/2025 4:20:33 PM	MMDadoda	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042352.D	Chlorobenzene	SAM	4/18/2025 4:20:33 PM	MMDadoda	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042352.D	cis-1,3-Dichloropropene	SAM	4/18/2025 4:20:33 PM	MMDadoda	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042352.D	Ethanol	SAM	4/18/2025 4:20:33	MMDadoda	4/18/2025 10:45:07	Peak Integrated

				PM		PM	by Software incorrectly
VSTDICC0.5	VL042352.D	Heptane	SAM	4/18/2025 4:20:33 PM	MMDadoda	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042352.D	m/p-Xylene	SAM	4/18/2025 4:20:33 PM	MMDadoda	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042352.D	Methyl Methacrylate	SAM	4/18/2025 4:20:33 PM	MMDadoda	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042352.D	t-1,3-Dichloropropene	SAM	4/18/2025 4:20:33 PM	MMDadoda	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042352.D	Tetrahydrofuran	SAM	4/18/2025 4:20:33 PM	MMDadoda	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDICC0.1	VL042353.D	1,1,1-Trichloroethane	SAM	4/18/2025 4:20:37 PM	MMDadoda	4/18/2025 10:45:04 PM	Peak Integrated by Software incorrectly
VSTDICC0.1	VL042353.D	1,1,2,2-Tetrachloroethane	SAM	4/18/2025 4:20:37 PM	MMDadoda	4/18/2025 10:45:04 PM	Peak Integrated by Software incorrectly
VSTDICC0.1	VL042353.D	1,2-Dibromoethane	SAM	4/18/2025 4:20:37 PM	MMDadoda	4/18/2025 10:45:04 PM	Peak Integrated by Software incorrectly
VSTDICC0.1	VL042353.D	Tetrachloroethene	SAM	4/18/2025 4:20:37 PM	MMDadoda	4/18/2025 10:45:04 PM	Peak Integrated by Software incorrectly
VSTDICC0.1	VL042353.D	Trichloroethene	SAM	4/18/2025 4:20:37 PM	MMDadoda	4/18/2025 10:45:04 PM	Peak Integrated by Software incorrectly
VSTDICC0.03	VL042354.D	1,1,1-Trichloroethane	SAM	4/18/2025 4:19:24 PM	MMDadoda	4/18/2025 10:45:02 PM	Peak Integrated by Software incorrectly
VSTDICC0.03	VL042354.D	1,1,2,2-Tetrachloroethane	SAM	4/18/2025 4:19:24 PM	MMDadoda	4/18/2025 10:45:02 PM	Peak Integrated by Software incorrectly
VSTDICC0.03	VL042354.D	Carbon Tetrachloride	SAM	4/18/2025 4:19:24 PM	MMDadoda	4/18/2025 10:45:02 PM	Peak Integrated by Software incorrectly

VSTDICC0.03	VL042354.D	Tetrachloroethene	SAM	4/18/2025 4:19:24 PM	MMDadoda	4/18/2025 10:45:02 PM	Peak Integrated by Software incorrectly
VSTDICC0.03	VL042354.D	Trichloroethene	SAM	4/18/2025 4:19:24 PM	MMDadoda	4/18/2025 10:45:02 PM	Peak Integrated by Software incorrectly
VSTDICC015	VL042355.D	m/p-Xylene	SAM	4/18/2025 4:21:35 PM	MMDadoda	4/18/2025 10:44:59 PM	Peak Integrated by Software incorrectly
VSTDICV010	VL042356.D	m/p-Xylene	SAM	4/18/2025 4:20:42 PM	MMDadoda	4/18/2025 10:44:57 PM	Peak Integrated by Software incorrectly

Manual Integration Report

Sequence	vl042925	Instrument	MSVOA_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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VSTDCCC010	VL042436.D	1,1,2-Trichloroethane	SAM	4/30/2025 7:49:08 AM	MMDadoda	4/30/2025 2:26:33 PM	Peak Integrated by Software incorrectly
VSTDCCC010	VL042436.D	m/p-Xylene	SAM	4/30/2025 7:49:08 AM	MMDadoda	4/30/2025 2:26:33 PM	Peak Integrated by Software incorrectly
VL0429ABS01	VL042438.D	m/p-Xylene	SAM	4/30/2025 7:49:14 AM	MMDadoda	4/30/2025 2:26:38 PM	Peak Integrated by Software incorrectly
VL0429ABS01	VL042438.D	Methyl Methacrylate	SAM	4/30/2025 7:49:14 AM	MMDadoda	4/30/2025 2:26:38 PM	Peak Integrated by Software incorrectly
Q1908-01	VL042443.D	Chlorodifluoromethane	SAM	4/30/2025 7:51:56 AM	MMDadoda	4/30/2025 2:27:05 PM	Peak Integrated by Software incorrectly

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Q1908-01	VL042443.D	Hexane	SAM	4/30/2025 7:51:56 AM	MMDadoda	4/30/2025 2:27:05 PM	Peak Integrated by Software incorrectly
Q1908-01	VL042443.D	Tetrachloroethene	SAM	4/30/2025 7:51:56 AM	MMDadoda	4/30/2025 2:27:05 PM	Peak Integrated by Software incorrectly
Q1908-01	VL042443.D	Toluene	SAM	4/30/2025 7:51:56 AM	MMDadoda	4/30/2025 2:27:05 PM	Peak Integrated by Software incorrectly
Q1908-03	VL042445.D	Carbon Tetrachloride	SAM	4/30/2025 7:51:26 AM	MMDadoda	4/30/2025 2:27:19 PM	Peak Integrated by Software incorrectly
Q1908-03	VL042445.D	Chlorodifluoromethane	SAM	4/30/2025 7:51:26 AM	MMDadoda	4/30/2025 2:27:19 PM	Peak Integrated by Software incorrectly
Q1908-03	VL042445.D	Isopropyl Alcohol	SAM	4/30/2025 7:51:26 AM	MMDadoda	4/30/2025 2:27:19 PM	Peak Integrated by Software incorrectly
Q1908-01DUP	VL042454.D	Carbon Tetrachloride	SAM	4/30/2025 7:53:16 AM	MMDadoda	4/30/2025 2:27:58 PM	Peak Integrated by Software incorrectly
Q1908-01DUP	VL042454.D	Chlorodifluoromethane	SAM	4/30/2025 7:53:16 AM	MMDadoda	4/30/2025 2:27:58 PM	Peak Integrated by Software incorrectly
Q1908-01DUP	VL042454.D	Tetrachloroethene	SAM	4/30/2025 7:53:16 AM	MMDadoda	4/30/2025 2:27:58 PM	Peak Integrated by Software incorrectly
Q1908-	VL042454.	Toluene	SA	4/30/202	MMDadod	4/30/202	Peak

01DUP	D		M	5 7:53:16 AM	a	5 2:27:58 PM	Integrate d by Software incorrectl y
Q1908-01DUP	VL042454.D	Trichlorofluoromethane	SAM	4/30/2025 7:53:16 AM	MMDadoda	4/30/2025 2:27:58 PM	Peak Integrate d by Software incorrectl y
Q1908-02	VL042456.D	Carbon Tetrachloride	SAM	4/30/2025 7:49:27 AM	MMDadoda	4/30/2025 2:28:06 PM	Peak Integrate d by Software incorrectl y
Q1908-02	VL042456.D	Chlorodifluoromethane	SAM	4/30/2025 7:49:27 AM	MMDadoda	4/30/2025 2:28:06 PM	Peak Integrate d by Software incorrectl y

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_____