

CASE NARRATIVE

RTP Environmental

Project Name: Yellow Cab - TO-15

Project # N/A

Order ID # Q2317

Test Name: TO-15

A. Number of Samples and Date of Receipt:

5 Air samples were received on 06/12/2025.

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 7100 A 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 for {Q2317-01DUP} with File ID: VL042627.D met criteria except for Ethyl Benzene[200%] due to difference in results of original and DUP.

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.

Due to potential high concentration of target analytes, Samples 115-SG1, 115-SG2 were initially diluted.

Samples 115-IA-1, 115-IA-2 were diluted due to high concentrations.

E. Additional Comments:

The Sample #AA-3, 115-IA-1DL, 115-IA-2, 115-IA-2DL, 115-SG1 and 115-SG2 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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

The not QT review data is reported in the Miscellaneous.

The Manual Integrations are performed for the followings.

Manual Integration Report			
Sequence	VL052925	Instrument	MSVOA_I

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	MMDadoda	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	MMDadoda	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	MMDadoda	5/30/2025 12:25:22 PM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042580.D	Ethanol	SAM	5/30/2025 7:47:04 AM	MMDadoda	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	MMDadoda	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	MMDadoda	5/30/2025 12:25:22 PM	Peak Integrated by Software

							incorrectly
VSTDIC002	VL042580.D	t-1,3-Dichloropropene	SAM	5/30/2025 7:47:04 AM	MMDadoda	5/30/2025 12:25:22 PM	Peak Integrated by Software incorrectly
VSTDIC001	VL042581.D	1,1,2-Trichloroethane	SAM	5/30/2025 7:47:55 AM	MMDadoda	5/30/2025 12:25:24 PM	Peak Integrated by Software incorrectly
VSTDIC001	VL042581.D	1,4-Dioxane	SAM	5/30/2025 7:47:55 AM	MMDadoda	5/30/2025 12:25:24 PM	Peak Integrated by Software incorrectly
VSTDIC001	VL042581.D	2,2,4-Trimethylpentane	SAM	5/30/2025 7:47:55 AM	MMDadoda	5/30/2025 12:25:24 PM	Peak Integrated by Software incorrectly
VSTDIC001	VL042581.D	cis-1,3-Dichloropropene	SAM	5/30/2025 7:47:55 AM	MMDadoda	5/30/2025 12:25:24 PM	Peak Integrated by Software incorrectly
VSTDIC001	VL042581.D	Heptane	SAM	5/30/2025 7:47:55 AM	MMDadoda	5/30/2025 12:25:24 PM	Peak Integrated by Software incorrectly
VSTDIC001	VL042581.D	m/p-Xylene	SAM	5/30/2025 7:47:55 AM	MMDadoda	5/30/2025 12:25:24 PM	Peak Integrated by Software incorrectly
VSTDIC001	VL042581.D	t-1,3-Dichloropropene	SAM	5/30/2025 7:47:55 AM	MMDadoda	5/30/2025 12:25:24 PM	Peak Integrated by Software incorrectly
VSTDIC00.5	VL042582.D	1,1,2-Trichloroethane	SAM	5/30/2025 7:48:07 AM	MMDadoda	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly

VSTDIC0.5	VL042582.D	1,2-Dichloropropane	SAM	5/30/2025 7:48:07 AM	MMDadoda	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042582.D	1,4-Dioxane	SAM	5/30/2025 7:48:07 AM	MMDadoda	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042582.D	4-Methyl-2-Pentanone	SAM	5/30/2025 7:48:07 AM	MMDadoda	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042582.D	Benzyl Chloride	SAM	5/30/2025 7:48:07 AM	MMDadoda	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042582.D	cis-1,3-Dichloropropene	SAM	5/30/2025 7:48:07 AM	MMDadoda	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042582.D	Cyclohexane	SAM	5/30/2025 7:48:07 AM	MMDadoda	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042582.D	Dibromochloromethane	SAM	5/30/2025 7:48:07 AM	MMDadoda	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042582.D	Ethanol	SAM	5/30/2025 7:48:07 AM	MMDadoda	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042582.D	m/p-Xylene	SAM	5/30/2025 7:48:07 AM	MMDadoda	5/30/2025 12:25:26 PM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL042583.D	1,2-Dibromoethane	SAM	5/30/2025	MMDadoda	5/30/2025 12:25:28	Peak Integrated

				7:48:14 AM		PM	d by Software incorrectl y
VSTDIC0.1	VL042583.D	Naphthalene	SAM	5/30/2025 7:48:14 AM	MMDadoda	5/30/2025 12:25:28 PM	Peak Integrated by Software incorrectl y
VSTDIC0.1	VL042583.D	Tetrachloroethene	SAM	5/30/2025 7:48:14 AM	MMDadoda	5/30/2025 12:25:28 PM	Peak Integrated by Software incorrectl y
VSTDIC0.1	VL042583.D	Trichloroethene	SAM	5/30/2025 7:48:14 AM	MMDadoda	5/30/2025 12:25:28 PM	Peak Integrated by Software incorrectl y
VSTDIC0.03	VL042584.D	1,1,1-Trichloroethane	SAM	5/30/2025 7:47:15 AM	MMDadoda	5/30/2025 12:25:30 PM	Peak Integrated by Software incorrectl y
VSTDIC0.03	VL042584.D	Carbon Tetrachloride	SAM	5/30/2025 7:47:15 AM	MMDadoda	5/30/2025 12:25:30 PM	Peak Integrated by Software incorrectl y
VSTDIC0.03	VL042584.D	Tetrachloroethene	SAM	5/30/2025 7:47:15 AM	MMDadoda	5/30/2025 12:25:30 PM	Peak Integrated by Software incorrectl y
VSTDIC0.03	VL042584.D	Trichloroethene	SAM	5/30/2025 7:47:15 AM	MMDadoda	5/30/2025 12:25:30 PM	Peak Integrated by Software incorrectl y
VSTDIC015	VL042585.D	Ethanol	SAM	5/30/2025 7:48:19 AM	MMDadoda	5/30/2025 12:25:32 PM	Peak Integrated by Software incorrectl y
VSTDIC015	VL042585.D	m/p-Xylene	SAM	5/30/2025 7:48:19 AM	MMDadoda	5/30/2025 12:25:32 PM	Peak Integrated by Software

							incorrectly
VSTDICV010	VL042586.D	Ethanol	SAM	5/30/2025 7:48:25 AM	MMDadoda	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	MMDadoda	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	MMDadoda	5/30/2025 12:25:34 PM	Peak Integrated by Software incorrectly

Sequence	VL061625	Instrument	MSVOA_I
----------	----------	------------	---------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC010	VL042622.D	m/p-Xylene	SAM	6/17/2025 8:36:27 AM	MMDadoda	6/17/2025 4:10:09 PM	Peak Integrated by Software incorrectly
VL0616ABS01	VL042624.D	m/p-Xylene	SAM	6/17/2025 8:36:32 AM	MMDadoda	6/17/2025 4:10:10 PM	Peak Integrated by Software incorrectly
Q2317-01	VL042626.D	4-Methyl-2-Pentanone	SAM	6/17/2025 8:41:32 AM	MMDadoda	6/17/2025 4:10:12 PM	Peak Integrated by Software incorrectly
Q2317-01	VL042626.D	Carbon Tetrachloride	SAM	6/17/2025 8:41:32 AM	MMDadoda	6/17/2025 4:10:12 PM	Peak Integrated by Software incorrectly
Q2317-01	VL042626.D	Chlorodifluoromethane	SAM	6/17/2025 8:41:32 AM	MMDadoda	6/17/2025 4:10:12 PM	Peak Integrated by Software

							incorrectly
Q2317-01	VL042626.D	Ethyl Benzene	SAM	6/17/2025 8:41:32 AM	MMDadoda	6/17/2025 4:10:12 PM	Peak Integrated by Software incorrectly
Q2317-01	VL042626.D	Heptane	SAM	6/17/2025 8:41:32 AM	MMDadoda	6/17/2025 4:10:12 PM	Peak Integrated by Software incorrectly
Q2317-01	VL042626.D	m/p-Xylene	SAM	6/17/2025 8:41:32 AM	MMDadoda	6/17/2025 4:10:12 PM	Peak Integrated by Software incorrectly
Q2317-01	VL042626.D	o-Xylene	SAM	6/17/2025 8:41:32 AM	MMDadoda	6/17/2025 4:10:12 PM	Peak Integrated by Software incorrectly
Q2317-01	VL042626.D	Styrene	SAM	6/17/2025 8:41:32 AM	MMDadoda	6/17/2025 4:10:12 PM	Peak Integrated by Software incorrectly
Q2317-01DUP	VL042627.D	2,2,4-Trimethylpentane	SAM	6/17/2025 8:36:43 AM	MMDadoda	6/17/2025 4:10:14 PM	Peak Integrated by Software incorrectly
Q2317-01DUP	VL042627.D	4-Methyl-2-Pentanone	SAM	6/17/2025 8:36:43 AM	MMDadoda	6/17/2025 4:10:14 PM	Peak Integrated by Software incorrectly
Q2317-01DUP	VL042627.D	Carbon Tetrachloride	SAM	6/17/2025 8:36:43 AM	MMDadoda	6/17/2025 4:10:14 PM	Peak Integrated by Software incorrectly
Q2317-01DUP	VL042627.D	Chlorodifluoromethane	SAM	6/17/2025 8:36:43 AM	MMDadoda	6/17/2025 4:10:14 PM	Peak Integrated by Software incorrectly

Q2317-01DUP	VL042627.D	Heptane	SAM	6/17/2025 8:36:43 AM	MMDadoda	6/17/2025 4:10:14 PM	Peak Integrated by Software incorrectly
Q2317-01DUP	VL042627.D	Toluene	SAM	6/17/2025 8:36:43 AM	MMDadoda	6/17/2025 4:10:14 PM	Peak Integrated by Software incorrectly
Q2317-02	VL042628.D	1,2-Dichloroethane	SAM	6/17/2025 8:41:59 AM	MMDadoda	6/17/2025 4:10:15 PM	Peak Integrated by Software incorrectly
Q2317-02	VL042628.D	4-Methyl-2-Pentanone	SAM	6/17/2025 8:41:59 AM	MMDadoda	6/17/2025 4:10:15 PM	Peak Integrated by Software incorrectly
Q2317-02	VL042628.D	Carbon Tetrachloride	SAM	6/17/2025 8:41:59 AM	MMDadoda	6/17/2025 4:10:15 PM	Peak Integrated by Software incorrectly
Q2317-02	VL042628.D	Ethyl Benzene	SAM	6/17/2025 8:41:59 AM	MMDadoda	6/17/2025 4:10:15 PM	Peak Integrated by Software incorrectly
Q2317-02	VL042628.D	Heptane	SAM	6/17/2025 8:41:59 AM	MMDadoda	6/17/2025 4:10:15 PM	Peak Integrated by Software incorrectly
Q2317-02	VL042628.D	o-Xylene	SAM	6/17/2025 8:41:59 AM	MMDadoda	6/17/2025 4:10:15 PM	Peak Integrated by Software incorrectly
Q2317-02	VL042628.D	Propene	SAM	6/17/2025 8:41:59 AM	MMDadoda	6/17/2025 4:10:15 PM	Peak Integrated by Software incorrectly
Q2317-02	VL042628.D	Styrene	SAM	6/17/2025	MMDadoda	6/17/2025 4:10:15	Peak Integrated

				8:41:59 AM		PM	d by Software incorrectl y
Q2317-02	VL042628.D	Tetrachloroethene	SAM	6/17/2025 8:41:59 AM	MMdadoda	6/17/2025 4:10:15 PM	Peak Integrate d by Software incorrectl y
Q2317-02	VL042628.D	Trichloroethene	SAM	6/17/2025 8:41:59 AM	MMdadoda	6/17/2025 4:10:15 PM	Peak Integrate d by Software incorrectl y
Q2317-03	VL042629.D	Carbon Tetrachloride	sam	6/20/2025 2:44:20 AM	MMdadoda	6/20/2025 2:45:06 AM	Peak Integrate d by Software incorrectl y
Q2317-03	VL042629.D	Heptane	sam	6/20/2025 2:44:20 AM	MMdadoda	6/20/2025 2:45:06 AM	Peak Integrate d by Software incorrectl y
Q2317-03	VL042629.D	m/p-Xylene	sam	6/20/2025 2:44:20 AM	MMdadoda	6/20/2025 2:45:06 AM	Peak Integrate d by Software incorrectl y
Q2317-03	VL042629.D	Propene	sam	6/20/2025 2:44:20 AM	MMdadoda	6/20/2025 2:45:06 AM	Peak Integrate d by Software incorrectl y
Q2317-03	VL042629.D	tert-Butyl alcohol	sam	6/20/2025 2:44:20 AM	MMdadoda	6/20/2025 2:45:06 AM	Peak Integrate d by Software incorrectl y
Q2317-03	VL042629.D	Tetrachloroethene	sam	6/20/2025 2:44:20 AM	MMdadoda	6/20/2025 2:45:06 AM	Peak Integrate d by Software incorrectl y
Q2317-04	VL042630.D	4-Methyl-2-Pentanone	SAM	6/17/2025 8:41:54 AM	MMdadoda	6/17/2025 4:10:20 PM	Peak Integrate d by Software

							incorrectly
Q2317-04	VL042630.D	Heptane	SAM	6/17/2025 8:41:54 AM	MMDadoda	6/17/2025 4:10:20 PM	Peak Integrated by Software incorrectly
Q2317-04	VL042630.D	Tetrachloroethene	SAM	6/17/2025 8:41:54 AM	MMDadoda	6/17/2025 4:10:20 PM	Peak Integrated by Software incorrectly
Q2317-05	VL042632.D	m/p-Xylene	SAM	6/17/2025 8:42:24 AM	MMDadoda	6/17/2025 4:10:23 PM	Peak Integrated by Software incorrectly
Q2317-05	VL042632.D	Toluene	SAM	6/17/2025 8:42:24 AM	MMDadoda	6/17/2025 4:10:23 PM	Peak Integrated by Software incorrectly
Q2317-02DL	VL042636.D	Propene	SAM	6/17/2025 8:41:44 AM	MMDadoda	6/17/2025 4:10:26 PM	Peak Integrated by Software incorrectly
Q2317-02DL	VL042636.D	Toluene	SAM	6/17/2025 8:41:44 AM	MMDadoda	6/17/2025 4:10:26 PM	Peak Integrated by Software incorrectly
Q2317-03DL	VL042637.D	Tetrahydrofuran	SAM	6/17/2025 8:41:38 AM	MMDadoda	6/17/2025 4:10:28 PM	Peak Integrated by Software incorrectly
Q2317-03DL	VL042637.D	Toluene	SAM	6/17/2025 8:41:38 AM	MMDadoda	6/17/2025 4:10:28 PM	Peak Integrated by Software incorrectly



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

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_____