

CASE NARRATIVE

RTP Environmental

Project Name: Yellow Cab - TO-15

Project # N/A

Chemtech Project # Q1586

Test Name: TO-15

A. Number of Samples and Date of Receipt:

3 Air samples were received on 03/14/2025.

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.

Due to potential high concentration of target analytes, Samples 565-S6-1 was initially diluted.

Samples 565-S6-1, 565-S6-1DL and 557-S6-2 were diluted due to high concentrations.

E. Additional Comments:

The Sample #565-SG-1, 557-SG-2 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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	VL022525	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICCC010	VL042041.D	m/p-Xylene	MMDadoda	3/6/2025 1:12:13 AM	SAM	3/6/2025 1:24:10 AM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042042.D	m/p-Xylene	SAM	2/26/2025 7:41:55 AM	MMDadoda	2/26/2025 1:45:07 PM	Peak Integrated by Software incorrectly
VSTDICCC001	VL042043.D	1,1,2-Trichloroethane	SAM	2/26/2025 7:42:26 AM	MMDadoda	2/26/2025 1:45:09 PM	Peak Integrated by Software incorrectly
VSTDICCC001	VL042043.D	1,4-Dioxane	SAM	2/26/2025 7:42:26 AM	MMDadoda	2/26/2025 1:45:09 PM	Peak Integrated by Software incorrectly
VSTDICCC001	VL042043.D	4-Methyl-2-Pentanone	SAM	2/26/2025 7:42:26 AM	MMDadoda	2/26/2025 1:45:09 PM	Peak Integrated by Software incorrectly
VSTDICCC001	VL042043.D	Benzyl Chloride	SAM	2/26/2025 7:42:26 AM	MMDadoda	2/26/2025 1:45:09 PM	Peak Integrated by Software incorrectly
VSTDICCC001	VL042043.D	cis-1,3-Dichloropropene	SAM	2/26/2025 7:42:26 AM	MMDadoda	2/26/2025 1:45:09 PM	Peak Integrated by Software incorrectly
VSTDICCC001	VL042043.D	Ethanol	SAM	2/26/2025 7:42:26 AM	MMDadoda	2/26/2025 1:45:09 PM	Peak Integrated by

				AM			Software incorrect ly
VSTDIC001	VL042043.D	Heptane	SAM	2/26/2025 7:42:26 AM	MMDadoda	2/26/2025 1:45:09 PM	Peak Integrat ed by Software incorrect ly
VSTDIC001	VL042043.D	m/p-Xylene	SAM	2/26/2025 7:42:26 AM	MMDadoda	2/26/2025 1:45:09 PM	Peak Integrat ed by Software incorrect ly
VSTDIC001	VL042043.D	t-1,3-Dichloropropene	SAM	2/26/2025 7:42:26 AM	MMDadoda	2/26/2025 1:45:09 PM	Peak Integrat ed by Software incorrect ly
VSTDIC001	VL042043.D	trans-1,2-Dichloroethene	SAM	2/26/2025 7:42:26 AM	MMDadoda	2/26/2025 1:45:09 PM	Peak Integrat ed by Software incorrect ly
VSTDIC0.5	VL042044.D	1,1,2-Trichloroethane	SAM	2/26/2025 7:42:02 AM	MMDadoda	2/26/2025 1:45:11 PM	Peak Integrat ed by Software incorrect ly
VSTDIC0.5	VL042044.D	1,2-Dibromoethane	SAM	2/26/2025 7:42:02 AM	MMDadoda	2/26/2025 1:45:11 PM	Peak Integrat ed by Software incorrect ly
VSTDIC0.5	VL042044.D	1,2-Dichloropropane	SAM	2/26/2025 7:42:02 AM	MMDadoda	2/26/2025 1:45:11 PM	Peak Integrat ed by Software incorrect ly
VSTDIC0.5	VL042044.D	1,4-Dioxane	SAM	2/26/2025 7:42:02 AM	MMDadoda	2/26/2025 1:45:11 PM	Peak Integrat ed by Software incorrect ly
VSTDIC0.5	VL042044.D	2-Hexanone	SAM	2/26/2025 7:42:02 AM	MMDadoda	2/26/2025 1:45:11 PM	Peak Integrat ed by Software incorrect

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VSTDIC0.5	VL042044.D	4-Methyl-2-Pentanone	SAM	2/26/2025 7:42:02 AM	MMDadoda	2/26/2025 1:45:11 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042044.D	cis-1,3-Dichloropropene	SAM	2/26/2025 7:42:02 AM	MMDadoda	2/26/2025 1:45:11 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042044.D	Dibromochloromethane	SAM	2/26/2025 7:42:02 AM	MMDadoda	2/26/2025 1:45:11 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042044.D	m/p-Xylene	SAM	2/26/2025 7:42:02 AM	MMDadoda	2/26/2025 1:45:11 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042044.D	t-1,3-Dichloropropene	SAM	2/26/2025 7:42:02 AM	MMDadoda	2/26/2025 1:45:11 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042044.D	trans-1,2-Dichloroethene	SAM	2/26/2025 7:42:02 AM	MMDadoda	2/26/2025 1:45:11 PM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL042045.D	1,1,2,2-Tetrachloroethane	SAM	2/26/2025 7:42:22 AM	MMDadoda	2/26/2025 1:45:12 PM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL042045.D	1,2-Dibromoethane	SAM	2/26/2025 7:42:22 AM	MMDadoda	2/26/2025 1:45:12 PM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL042045.D	Carbon Tetrachloride	SAM	2/26/2025 7:42:22 AM	MMDadoda	2/26/2025 1:45:12 PM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL042045	Tetrachloroethene	SAM	2/26/20	MMDadoda	2/26/2025	Peak

	.D			25 7:42:22 AM		1:45:12 PM	Integrat ed by Software incorrect ly
VSTDICC0.1	VL042045 .D	Trichloroethene	SAM	2/26/20 25 7:42:22 AM	MMDadoda	2/26/2025 1:45:12 PM	Peak Integrat ed by Software incorrect ly
VSTDICC0.0 3	VL042046 .D	1,1,1- Trichloroethane	SAM	2/26/20 25 7:43:48 AM	MMDadoda	2/26/2025 1:45:14 PM	Peak Integrat ed by Software incorrect ly
VSTDICC0.0 3	VL042046 .D	1,1,2,2- Tetrachloroethane	SAM	2/26/20 25 7:43:48 AM	MMDadoda	2/26/2025 1:45:14 PM	Peak Integrat ed by Software incorrect ly
VSTDICC0.0 3	VL042046 .D	Carbon Tetrachloride	SAM	2/26/20 25 7:43:48 AM	MMDadoda	2/26/2025 1:45:14 PM	Peak Integrat ed by Software incorrect ly
VSTDICC0.0 3	VL042046 .D	Tetrachloroethene	SAM	2/26/20 25 7:43:48 AM	MMDadoda	2/26/2025 1:45:14 PM	Peak Integrat ed by Software incorrect ly
VSTDICC0.0 3	VL042046 .D	Trichloroethene	SAM	2/26/20 25 7:43:48 AM	MMDadoda	2/26/2025 1:45:14 PM	Peak Integrat ed by Software incorrect ly
VSTDICC01 5	VL042047 .D	m/p-Xylene	SAM	2/26/20 25 7:42:16 AM	MMDadoda	2/26/2025 1:45:16 PM	Peak Integrat ed by Software incorrect ly
VSTDICV01 0	VL042048 .D	m/p-Xylene	SAM	2/26/20 25 7:42:09 AM	MMDadoda	2/26/2025 1:45:17 PM	Peak Integrat ed by Software incorrect ly

Manual Integration Report

Sequence	VL031725	Instrument	MSVOA_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC010	VL042150.D	m/p-Xylene	SAM	3/18/2025 8:21:13 AM	MMDadoda	3/18/2025 1:56:42 PM	Peak Integrated by Software incorrectly
VL0317ABS01	VL042152.D	m/p-Xylene	SAM	3/18/2025 8:21:23 AM	MMDadoda	3/18/2025 1:56:43 PM	Peak Integrated by Software incorrectly
Q1586-01	VL042154.D	Propene	SAM	3/18/2025 8:23:13 AM	MMDadoda	3/18/2025 1:56:47 PM	Peak Integrated by Software incorrectly
Q1586-01	VL042154.D	Trichloroethene	SAM	3/18/2025 8:23:13 AM	MMDadoda	3/18/2025 1:56:47 PM	Peak Integrated by Software incorrectly
Q1586-01DL	VL042155.D	2-Butanone	SAM	3/18/2025 8:21:32 AM	MMDadoda	3/18/2025 1:56:49 PM	Peak Integrated by Software incorrectly
Q1586-01DL	VL042155.D	Ethanol	SAM	3/18/2025 8:21:32 AM	MMDadoda	3/18/2025 1:56:49 PM	Peak Integrated by Software incorrectly
Q1586-01DL	VL042155.D	o-Xylene	SAM	3/18/2025 8:21:32 AM	MMDadoda	3/18/2025 1:56:49 PM	Peak Integrated by Software incorrectly
Q1586-01DL	VL042155.D	Propene	SAM	3/18/2025 8:21:32 AM	MMDadoda	3/18/2025 1:56:49 PM	Peak Integrated by Software incorrectly

Q1586-03	VL042158.D	Bromodichloromethane	SAM	3/18/2025 8:23:22 AM	MMDadoda	3/18/2025 1:56:52 PM	Peak Integrated by Software incorrectly
Q1586-03	VL042158.D	Chlorodifluoromethane	SAM	3/18/2025 8:23:22 AM	MMDadoda	3/18/2025 1:56:52 PM	Peak Integrated by Software incorrectly
Q1586-03	VL042158.D	Cyclohexane	SAM	3/18/2025 8:23:22 AM	MMDadoda	3/18/2025 1:56:52 PM	Peak Integrated by Software incorrectly
Q1586-03	VL042158.D	Heptane	SAM	3/18/2025 8:23:22 AM	MMDadoda	3/18/2025 1:56:52 PM	Peak Integrated by Software incorrectly
Q1586-03	VL042158.D	m/p-Xylene	SAM	3/18/2025 8:23:22 AM	MMDadoda	3/18/2025 1:56:52 PM	Peak Integrated by Software incorrectly
Q1586-03	VL042158.D	Tetrahydrofuran	SAM	3/18/2025 8:23:22 AM	MMDadoda	3/18/2025 1:56:52 PM	Peak Integrated by Software incorrectly
Q1586-03	VL042158.D	Toluene	SAM	3/18/2025 8:23:22 AM	MMDadoda	3/18/2025 1:56:52 PM	Peak Integrated by Software incorrectly
Q1586-03	VL042158.D	Trichloroethene	SAM	3/18/2025 8:23:22 AM	MMDadoda	3/18/2025 1:56:52 PM	Peak Integrated by Software incorrectly
Q1586-02	VL042159.D	Carbon Tetrachloride	SAM	3/18/2025 8:23:27 AM	MMDadoda	3/18/2025 1:56:55 PM	Peak Integrated by Software incorrectly
Q1586-02	VL042159.D	Propene	SAM	3/18/2025	MMDadoda	3/18/2025 1:56:55	Peak Integrated



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

				8:23:27 AM		PM	d by Software incorrectl y
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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_____