



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

CASE NARRATIVE

RTP Environmental

Project Name: CHADWICK SQUARE

Project # N/A

Order ID # Q3130

Test Name: TO-15

A. Number of Samples and Date of Receipt:

2 Air samples were received on 09/17/2025.

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 were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD for {Q3130-02DUP} with File ID: VL042970.D met criteria except for 1,2-Dichloroethane[30.8%], Tetrachloroethene[200%] due to difference in results of original and DUP.

The Blank Spike met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Tuning criteria met requirements.

E. Additional Comments:

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.

Alliance Technical Group, LLC - Newark holds certification for the analytes "Bromodichloromethane, Chloroethane and Heptane". Currently, we are not eligible to report them, as we have not successfully completed the required Proficiency Testing (PT) study. We are actively engaged in the PT study process to gain reporting eligibility.

The Sample #131-1A-1 and 131-1A-2 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	VL092225	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICCC010	VL042950.D	m/p-Xylene	sam	9/23/2025 10:01:03 AM	MMDado da	9/24/2025 2:16:17 AM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042951.D	1,1,2-Trichloroethane	sam	9/23/2025 10:01:08 AM	MMDado da	9/24/2025 2:16:19 AM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042951.D	1,2-Dichloropropane	sam	9/23/2025 10:01:08 AM	MMDado da	9/24/2025 2:16:19 AM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042951.D	1,4-Dioxane	sam	9/23/2025 10:01:08 AM	MMDado da	9/24/2025 2:16:19 AM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042951.D	4-Methyl-2-Pentanone	sam	9/23/2025 10:01:0	MMDado da	9/24/2025 2:16:19	Peak Integrated by

				8 AM		AM	Software incorrectly
VSTDICCO02	VL04295 1.D	m/p-Xylene	sam	9/23/2025 10:01:08 AM	MMDado da	9/24/2025 2:16:19 AM	Peak Integrated by Software incorrectly
VSTDICCO01	VL04295 2.D	1,2-Dichloropropane	sam	9/23/2025 10:01:13 AM	MMDado da	9/24/2025 2:16:21 AM	Peak Integrated by Software incorrectly
VSTDICCO01	VL04295 2.D	1,4-Dioxane	sam	9/23/2025 10:01:13 AM	MMDado da	9/24/2025 2:16:21 AM	Peak Integrated by Software incorrectly
VSTDICCO01	VL04295 2.D	Bromodichloromethane	sam	9/23/2025 10:01:13 AM	MMDado da	9/24/2025 2:16:21 AM	Peak Integrated by Software incorrectly
VSTDICCO01	VL04295 2.D	cis-1,3-Dichloropropene	sam	9/23/2025 10:01:13 AM	MMDado da	9/24/2025 2:16:21 AM	Peak Integrated by Software incorrectly
VSTDICCO01	VL04295 2.D	Heptane	sam	9/23/2025 10:01:13 AM	MMDado da	9/24/2025 2:16:21 AM	Peak Integrated by Software incorrectly
VSTDICCO01	VL04295 2.D	m/p-Xylene	sam	9/23/2025	MMDado da	9/24/2025	Peak Integrated

				10:01:13 AM		2:16:21 AM	ed by Software incorrectly
VSTDICCO01	VL04295 2.D	t-1,3-Dichloropropene	sam	9/23/2025 10:01:13 AM	MMDado da	9/24/2025 2:16:21 AM	Peak Integrated by Software incorrectly
VSTDICCO.5	VL04295 3.D	1,1,2-Trichloroethane	sam	9/23/2025 10:02:11 AM	MMDado da	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICCO.5	VL04295 3.D	1,4-Dioxane	sam	9/23/2025 10:02:11 AM	MMDado da	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICCO.5	VL04295 3.D	2,2,4-Trimethylpentane	sam	9/23/2025 10:02:11 AM	MMDado da	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICCO.5	VL04295 3.D	Benzyl Chloride	sam	9/23/2025 10:02:11 AM	MMDado da	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICCO.5	VL04295 3.D	cis-1,3-Dichloropropene	sam	9/23/2025 10:02:11 AM	MMDado da	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDICCO.	VL04295	Ethanol	sam	9/23/20	MMDado	9/24/20	Peak

5	3.D			25 10:02:11 AM	da	25 2:16:23 AM	Integrated by Software incorrectly
VSTDIC0.5	VL04295 3.D	Heptane	sam	9/23/2025 10:02:11 AM	MMDado da	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04295 3.D	m/p-Xylene	sam	9/23/2025 10:02:11 AM	MMDado da	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04295 3.D	Methyl Methacrylate	sam	9/23/2025 10:02:11 AM	MMDado da	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04295 3.D	t-1,3-Dichloropropene	sam	9/23/2025 10:02:11 AM	MMDado da	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04295 3.D	Tetrachloroethene	sam	9/23/2025 10:02:11 AM	MMDado da	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04295 3.D	trans-1,2-Dichloroethene	sam	9/23/2025 10:02:11 AM	MMDado da	9/24/2025 2:16:23 AM	Peak Integrated by Software incorrectly

VSTDICCO.1	VL04295 4.D	1,2-Dibromoethane	sam	9/23/2025 10:02:56 AM	MMDado da	9/24/2025 2:16:25 AM	Peak Integrated by Software incorrectly
VSTDICCO.1	VL04295 4.D	Carbon Tetrachloride	sam	9/23/2025 10:02:56 AM	MMDado da	9/24/2025 2:16:25 AM	Peak Integrated by Software incorrectly
VSTDICCO.1	VL04295 4.D	Naphthalene	sam	9/23/2025 10:02:56 AM	MMDado da	9/24/2025 2:16:25 AM	Peak Integrated by Software incorrectly
VSTDICCO.1	VL04295 4.D	Tetrachloroethene	sam	9/23/2025 10:02:56 AM	MMDado da	9/24/2025 2:16:25 AM	Peak Integrated by Software incorrectly
VSTDICCO.1	VL04295 4.D	Trichloroethene	sam	9/23/2025 10:02:56 AM	MMDado da	9/24/2025 2:16:25 AM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL04295 5.D	1,1,1-Trichloroethane	sam	9/23/2025 10:01:57 AM	MMDado da	9/24/2025 2:16:26 AM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL04295 5.D	1,1,2,2-Tetrachloroethane	sam	9/23/2025 10:01:57 AM	MMDado da	9/24/2025 2:16:26 AM	Peak Integrated by Software incorrectly

VSTDICCO.03	VL04295 5.D	Carbon Tetrachloride	sam	9/23/20 25 10:01:57 AM	MMDado da	9/24/20 25 2:16:26 AM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL04295 5.D	Tetrachloroethene	sam	9/23/20 25 10:01:57 AM	MMDado da	9/24/20 25 2:16:26 AM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL04295 5.D	Trichloroethene	sam	9/23/20 25 10:01:57 AM	MMDado da	9/24/20 25 2:16:26 AM	Peak Integrated by Software incorrectly
VSTDICCO15	VL04295 6.D	m/p-Xylene	sam	9/23/20 25 10:01:19 AM	MMDado da	9/24/20 25 2:16:27 AM	Peak Integrated by Software incorrectly
VSTDICV010	VL04295 7.D	m/p-Xylene	sam	9/23/20 25 10:01:52 AM	MMDado da	9/24/20 25 2:16:29 AM	Peak Integrated by Software incorrectly
VL0922AB S01	VL04295 9.D	m/p-Xylene	sam	9/23/20 25 10:01:29 AM	MMDado da	9/24/20 25 2:16:44 AM	Peak Integrated by Software incorrectly
Q3130-02	VL04296 9.D	1,2-Dichloroethane	sam	9/23/20 25 10:03:11 AM	MMDado da	9/24/20 25 2:17:12 AM	Peak Integrated by Software incorrectly

Q3130-02	VL04296 9.D	2,2,4- Trimethylpentane	sam	9/23/20 25 10:03:1 1 AM	MMDado da	9/24/20 25 2:17:12 AM	Peak Integrat ed by Softwar e incorrec tly
Q3130-02	VL04296 9.D	Benzene	sam	9/23/20 25 10:03:1 1 AM	MMDado da	9/24/20 25 2:17:12 AM	Peak Integrat ed by Softwar e incorrec tly
Q3130-02	VL04296 9.D	Carbon Tetrachloride	sam	9/23/20 25 10:03:1 1 AM	MMDado da	9/24/20 25 2:17:12 AM	Peak Integrat ed by Softwar e incorrec tly
Q3130-02	VL04296 9.D	m/p-Xylene	sam	9/23/20 25 10:03:1 1 AM	MMDado da	9/24/20 25 2:17:12 AM	Peak Integrat ed by Softwar e incorrec tly
Q3130-02	VL04296 9.D	Propene	sam	9/23/20 25 10:03:1 1 AM	MMDado da	9/24/20 25 2:17:12 AM	Peak Integrat ed by Softwar e incorrec tly
Q3130-02	VL04296 9.D	Tetrachloroethene	sam	9/23/20 25 10:03:1 1 AM	MMDado da	9/24/20 25 2:17:12 AM	Peak Integrat ed by Softwar e incorrec tly
Q3130- 02DUP	VL04297 0.D	2,2,4- Trimethylpentane	sam	9/23/20 25 10:03:1 6 AM	MMDado da	9/24/20 25 2:17:13 AM	Peak Integrat ed by Softwar e incorrec tly

Q3130-02DUP	VL04297 0.D	Carbon Tetrachloride	sam	9/23/20 25 10:03:16 AM	MMDado da	9/24/20 25 2:17:13 AM	Peak Integrated by Software incorrectly
Q3130-02DUP	VL04297 0.D	m/p-Xylene	sam	9/23/20 25 10:03:16 AM	MMDado da	9/24/20 25 2:17:13 AM	Peak Integrated by Software incorrectly
Q3130-02DUP	VL04297 0.D	Propene	sam	9/23/20 25 10:03:16 AM	MMDado da	9/24/20 25 2:17:13 AM	Peak Integrated by Software incorrectly
Q3130-02DUP	VL04297 0.D	Tetrachloroethene	sam	9/23/20 25 10:03:16 AM	MMDado da	9/24/20 25 2:17:13 AM	Peak Integrated by Software incorrectly
Q3130-01	VL04297 2.D	4-Methyl-2-Pentanone	sam	9/23/20 25 10:01:33 AM	MMDado da	9/24/20 25 2:17:16 AM	Peak Integrated by Software incorrectly
Q3130-01	VL04297 2.D	Carbon Tetrachloride	sam	9/23/20 25 10:01:33 AM	MMDado da	9/24/20 25 2:17:16 AM	Peak Integrated by Software incorrectly
Q3130-01	VL04297 2.D	m/p-Xylene	sam	9/23/20 25 10:01:33 AM	MMDado da	9/24/20 25 2:17:16 AM	Peak Integrated by Software incorrectly

Q3130-01	VL04297 2.D	Propene	sam	9/23/20 25 10:01:3 3 AM	MMDado da	9/24/20 25 2:17:16 AM	Peak Integrat ed by Softwar e incorrec tly
Q3130-01	VL04297 2.D	Toluene	sam	9/23/20 25 10:01:3 3 AM	MMDado da	9/24/20 25 2:17:16 AM	Peak Integrat ed by Softwar e incorrec tly

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_____