



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

CASE NARRATIVE

GFE LLC

Project Name: 28 RT 46 PINE BROOK

Project # N/A

Order ID # Q3111

Test Name: TO-15

A. Number of Samples and Date of Receipt:

2 Air samples were received on 09/16/2025.

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 {Q3111-02DUP} with File ID: VL042946.D met criteria except for Carbon Tetrachloride[25%] due to difference in results of original and DUP.

The Blank Spike for {VL0918ABS02} with File ID: VL042943.D met requirements for all compounds except for Ethyl Benzene[131%] is failing high and associate sample having hit of Ethyl Benzene but below CRQL therefore no corrective action taken.

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

The %RSD is greater than 30% in the Initial Calibration method (VL091725AIR.M) for Styrene, 4-Ethyltoluene, 1,2,4-Trichlorobenzene these compounds are passing on Linear Regression And Naphthalene Passing on Quadratic Regression

The %RSD is greater than 30% in the Initial Calibration method (VL092225AIR.M) for Methylene Chloride passing on Linear Regression.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.



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Due to potential high concentration of target analytes, Samples SV1 was initially diluted. Samples SV1, IA1 were diluted due to high concentrations.

E. Additional Comments:

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.

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_____