

CASE NARRATIVE

AEI Consultants

Project Name: 446990_Hagerstown, MD

Project # N/A

Chemtech Project # N1341

Test Name: TO-15

A. Number of Samples and Date of Receipt:

5 Air samples were received on 01/31/2022.

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 for {N1379-01DUP} with File ID: VL038331.D met criteria except for 2-Butanone[22.7%], Cyclohexane[23.3%], Dichlorodifluoromethane[72.7%], Naphthalene [74.3%], Tetrachloroethene[22.2%] 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.

Sample SVP-1 was diluted due to high concentration.

E. Additional Comments:

All samples received in 1.4 Lt canister therefore no enough sample to reanalyzed
Duplicate sample therefore other project duplicate reported from other sequence.

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



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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_____