

CASE NARRATIVE

G Environmental

Project Name: 3015G

Project # N/A

Chemtech Project # Q1449

Test Name: VOCMS Group2

A. Number of Samples and Date of Receipt:

2 Water samples were received on 02/26/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Fingerprint and VOCMS Group2. This data package contains results for VOCMS Group2.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868. The analysis of VOCMS Group2 was based on method 8260D.

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 Spike Duplicate for {VN0227WBSD01} with File ID: VN085884.D met requirements for all samples except for Tert butyl alcohol[140%] this compound did not meet the NJDKQP criteria and in-house criteria, associate sample have positive hit of Tert butyl alcohol but there is no more vials for re-analysis therefore no corrective action taken.

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

The %RSD is greater than 20% in the Initial Calibration method (82N021825W.M) for Styrene this compound is passing on Quadratic Regression.

The Continuous Calibration File ID VN085880.D met the requirements except for 2-Hexanone and 4-Methyl-2-Pentanone are failing high but no positive hit in associate sample therefore no corrective action taken.



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

The Tuning criteria met requirements.

E. Additional Comments:

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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_____

CASE NARRATIVE

G Environmental

Project Name: 3015G

Project # N/A

Chemtech Project # Q1449

Test Name: Fingerprint

A. Number of Samples and Date of Receipt:

2 Water samples were received on 02/26/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: EPH, EPH_F2, Fingerprint, Mercury, Metals Group3, Metals ICP-TAL, METALS-TAL, Paint Filter, SVOC-TCL BNA -20, SVOCMS Group2 and VOC-TCLVOA-10. This data package contains results for EPH_F2.

C. Analytical Techniques:

The analysis were performed on instrument FID_F. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

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

E. Additional Comments:

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_____