

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012; NEW YORK LAB ID#: 11376

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1774

MATRIX: Water

METHOD: 624.1

| | NA | NO | YES |
|--|----|----|-----|
| 1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks) | | | ✓ |
| 2. GC/MS Tuning Specifications BFB Meet Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ) | | | ✓ |
| 3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series. | | | ✓ |
| 4. GC/MS Calibration - Initial Calibration performed before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series. | | | ✓ |
| 5. GC/MS Calibration Requirements. The Initial Calibration met the requirements . The Continuous Calibration met the requirements. | | | ✓ |
| 6. Blank Contamination - If yes, list compounds and concentrations in each blank: | | ✓ | |
| 7. Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries met the acceptable criteria. | | ✓ | |
| 8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The Blank Spike for {VN0411WBS01} with File ID: VN086249.D met requirements for all samples except for Carbon disulfide[109%] is failing high but no positive hit in associate sample therefore no corrective action taken. The Blank Spike Duplicate met requirements for all samples. The RPD for {VN0411WBSD01} with File ID: VN086250.D met criteria except for Acrolein[23%] due to difference in results of BS and BSD. | | ✓ | |
| 9. Internal Standard Area/Retention Time Shift Meet Criteria Comments: | | | ✓ |

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GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

| | NA | NO | YES |
|---|----|----|-----|
| 10. Analysis Holding Time Met | | | ✓ |
| If not met, list number of days exceeded for each sample: | | | |

ADDITIONAL COMMENTS:

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

"As per method, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD therefore MS/MSD were not performed for this project. However, Lab has performed LCS/LCSD instead."

VIAL A and B combined to run samples#02,03 and 04 as all vials contained much sediment.

The SDG Q1774 is logged for VOCMS group4. Lab not certified for Hexachloroethane, Iodomethane, Methyl Methacrylate and tert-Butylbenzene compounds for 624.1 method.

The Sample # TT-075-IDWGW-20250409 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

Trip Blank was not provided with this set of samples.

The not QT review data is reported in the Miscellaneous.

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 <35% 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 >35% for the Initial Calibration curve for SW-846 analysis.

QA REVIEW

Date