

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: Q1478

MATRIX: Water

METHOD: 8260D

| | 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 File ID VX045100.D met the requirements except for Chloroethane, Methylcyclohexane and t-1,3-Dichloropropene are failing high but no positive hit in associate samples therefore no corrective action taken. | | | ✓ |
| 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. | | | ✓ |
| 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 met requirements for all samples . The Blank Spike Duplicate met requirements for all samples . | | | ✓ |
| 9. Internal Standard Area/Retention Time Shift Meet Criteria Comments: | | | ✓ |
| 10. Analysis Holding Time Met If not met, list number of days exceeded for each sample: | | | ✓ |

ADDITIONAL COMMENTS:

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

NA NO YES

Samples IDW-AQ-DRUM-612-022825 was diluted due to past history of this sample containing high amounts of Trichloroethene.

Samples IDW-AQ-DRUM-610-022825, IDW-AQ-DRUM-616-022825 and IDW-AQ-DRUM-614-022825 were diluted due to high concentrations.

The Sample IDW-AQ-DRUM-610-022825, IDW-AQ-DRUM-616-022825, IDW-AQ-DRUM-614-022825 and IDW-AQ-DRUM-612-022825 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1..

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.

QA REVIEW

Date