

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: P4845

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 %RSD is greater than 20% in the Initial Calibration method (82N103024W.M) for Methyl Acetate, Acetone, Chloroethane, Chloromethane these compounds are passing on Linear Regression while, 1,4-Dichlorobenzene this compound is passing on Quadratic Regression. The %RSD is greater than 20% in the Initial Calibration method (82N112224W.M) for Methyl Acetate this compound is passing on Linear Regression. The Continuous Calibration File ID VN084884.D met the requirements except for Carbon Tetrachloride, Dibromochloromethane, o-Xylene, Trichlorofluoromethane and Chloroethane are failing high but no positive hit in associate sample therefore no corrective action taken. The Continuous Calibration File ID VN084935.D met the requirements except for 1,2,4-Trichlorobenzene and Carbon Disulfide is failing marginally low therefore no corrective action taken. The Continuous Calibration File ID VN084960.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. The Continuous Calibration File ID VN085035.D met the requirements except for Acetone is failing marginally high 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. | | | ✓ |

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

| | NA | NO | YES |
|--|----|----|-----|
| 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 {VN1122WBS01} with File ID: VN085014.D met requirements for all samples except for 1,1,2-Trichloroethane[120%] is failing high but no positive hit in associate sample therefore no corrective action taken. | | | |
| 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:

Samples FSND-MW-27-20241112, FSND-MW-22R-20241112, FSND-MW-33-20241112, FSND-GEP-2-20241111 and FSND-MW-13-20241112 were diluted due to high concentrations.

The Sample #FSND-MW-35-20241112 , FSND-MW-9-20241111, FSND-MW-11R-20241112 , FSND-MW-18-20241112 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 <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