

**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: P4710

MATRIX: Water

METHOD: 8260D

|     |  | NA | NO | YES |
|-----|--|----|----|-----|
| 1.  | Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)  |    |    | ✓   |
| 2.  | GC/MS Tuning Specifications<br>BFB Meet Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY<br>ASP CLP, CLP AND NJ)  |    |    | ✓   |
| 3.  | GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for<br>8000 Series.  |    |    | ✓   |
| 4.  | GC/MS Calibration - Initial Calibration performed before sample analysis and<br>continuing calibration performed within 24 hours of sample analysis for 600 series and<br>12 hours for 8000 series.  |    |    | ✓   |
| 5.  | GC/MS Calibration Requirements.<br><br>The %RSD is greater than 20% in the Initial Calibration method (82N103024W.M)<br>for Acetone, Chloroethane, Chloromethane these compounds are passing on<br>Linear Regression while, 1,4-Dichlorobenzene this compound is passing on<br>Quadratic Regression.<br><br>The Continuous Calibration File ID VN084702.D met the requirements except for<br>Carbon Disulfide failing marginally low therefore no corrective action taken. |    | ✓  |     |
| 6.  | Blank Contamination - If yes, list compounds and concentrations in each blank:   |    | ✓  |     |
| 7.  | Surrogate Recoveries Meet Criteria<br><br>If not met, list those compounds and their recoveries which fall outside the acceptable<br>ranges.   |    |    | ✓   |
| 8.  | Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria<br><br>If not met, list those compounds and their recoveries which fall outside the acceptable<br>range.<br><br>The Blank Spike met requirements for all samples .<br><br>The Blank Spike Duplicate met requirements for all samples .  |    |    | ✓   |
| 9.  | Internal Standard Area/Retention Time Shift Meet Criteria<br><br>Comments:   |    |    | ✓   |
| 10. | Analysis Holding Time Met<br><br>If not met, list number of days exceeded for each sample:   |    |    | ✓   |

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

NA NO YES

ADDITIONAL COMMENTS:

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is).”  
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

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 <15% 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 > 15% for the Initial Calibration curve for SW-846 analysis.

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QA REVIEW

\_\_\_\_\_  
Date