

# **ALLIANCE** 284 Sheffield Street, Mountainside New Jersey 07092

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

## **GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY**

ORDER ID: Q2377

MATRIX: Water

METHOD: 8270-Modified/3510

|    |                                                                                                                                                                                                                    | NA | NO | YES |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|-----|
| 1. | Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)                                                                                                                                      |    |    | ✓   |
| 2. | GC/MS Tuning Specifications. DFTPP Meet Criteria.<br>(NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP,<br>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 within 30 days before sample<br>analysis and continuing calibration performed within 24 hours of sample analysis for<br>600 series and 12 hours for 8000 series. |    |    | ✓   |
| 5. | GC/MS Calibration Requirements.                                                                                                                                                                                    |    |    | ✓   |
|    | The Initial 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<br>ranges.                                                                                                                 |    |    |     |
| 8. | Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria                                                                                                                                                       |    |    | ✓   |
|    | If not met, list those compounds and their recoveries which fall outside the acceptable<br>range.                                                                                                                  |    |    |     |
|    | The Blank Spike met requirements for all samples.<br>The Blank Spike Duplicate met requirements for all samples.                                                                                                   |    |    |     |
| 9. | Internal Standard Area/Retention Time Shift Meet Criteria                                                                                                                                                          |    |    | ✓   |
|    | Comments:                                                                                                                                                                                                          |    |    |     |

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**(CONTINUED)**

|     |                                                           | NA | NO | YES |
|-----|-----------------------------------------------------------|----|----|-----|
| 10. | Extraction Holding Time Met                               |    |    | ✓   |
|     | If not met, list number of days exceeded for each sample: |    |    |     |
| 11. | Analysis Holding Time Met                                 |    |    | ✓   |
|     | If not met, list number of days exceeded for each sample: |    |    |     |

ADDITIONAL COMMENTS:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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