

# **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: Q3015

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 %RSD is greater than 20% in the Method 8270-SIM-BN092325.M for 4,6-Dinitro-2-methylphenol and This is passing on Quadratic regression.

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 were met for all analysis except for WP0925-RR-PAH-WPDL [2-Fluorobiphenyl - 252%, Nitrobenzene-d5 - 247% and Terphenyl-d14 - 270% ],Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

|   |   |
|---|---|
| 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 compounds.

The Blank Spike Duplicate met requirements for all compounds.

|  |   |
|--|---|
| 9. Internal Standard Area/Retention Time Shift Meet Criteria | ✓ |
|--|---|

Comments:

**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**

**(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: |    |    |     |
|     | The Holding Times were met for all analysis.              |    |    |     |

ADDITIONAL COMMENTS:

Sample WP0925-RR-PAH-WP was diluted due to high concentration.

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

.

\_\_\_\_\_  
QA REVIEW

\_\_\_\_\_  
Date