

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

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

CHEMTECH PROJECT NUMBER: BP082525

SequenceID : BP082525

| | NA | NO | YES |
|---|----------|---------------|---------------|
| 1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks) | <u>✓</u> | <u> </u> | <u> </u> |
| 2. GC/MS Tuning Specifications. DFTPP Meet Criteria Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ) | <u>✓</u> | <u> </u> | <u> </u> |
| 3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 series | <u>✓</u> | <u> </u> | <u> </u> |
| 4. GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series | <u>✓</u> | <u> </u> | <u> </u> |
| 5. GC/MS Calibration Met: | <u>✓</u> | <u> </u> | <u> </u> |
| a. Initial calibration Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. | <u>✓</u> | <u> </u> | <u> </u> |
| b. Continuous Calibration(CCC) Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. Only 2,4-Dinitrophenol & Benzaldehyde, are biased high in the CCC. If any samples are found with hit of these compounds they will be re-analyzed with a properly passing CCC. | <u>✓</u> | <u> </u> | <u> </u> |
| 6. Blank Contamination - If yes, list compounds and concentrations in each blank: | <u>✓</u> | <u> </u> | <u> </u> |
| a. B/N Fraction | | | |
| d. Acid Fraction | | | |

7. Surrogate Recoveries Meet Criteria

If not met, list those compounds and their recoveries which fall outside the acceptable ranges.

✓

a. B/N Fraction

d. Acid Fraction

8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria

If not met, list those compounds and their recoveries which fall outside the acceptable range.

✓

a. B/N Fraction

d. Acid Fraction

9. Internal Standard Area/Retention Time Shift Meet Criteria

Comments:

✓

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:

Same Internal standard failed in the sample Q2909-02 and its MS/MSD, and also recovery of certain compounds are out of QC limits in Q2909-02MS/MSD, due to matrix interference. Hence no corrective action is required.

Rahul

Analyst

08/26/2025

Date

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