

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

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

CHEMTECH PROJECT NUMBER: bf030725

| SequenceID :   | <u>bf030725</u> | NA    | NO          | YES         |
|--|-----------------|-------|-------------|-------------|
| 1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)   |                 | _____ | _____       | _____✓_____ |
| 2. GC/MS Tuning Specifications. DFTPP Meet Criteria Criteria<br>(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 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                               |                 | _____ | _____       | _____✓_____ |
| 5. GC/MS Calibration Met:  |                 | _____ | _____       | _____✓_____ |
| a. Initial calibration Meet Criteria   |                 | _____ | _____       | _____✓_____ |
| If not met, list those compounds and their recoveries which fall outside the acceptable range.   |                 | _____ | _____       | _____✓_____ |
| b. Continuous Calibration(CCC) Meet Criteria   |                 | _____ | _____✓_____ | _____       |
| If not met, list those compounds and their recoveries which fall outside the acceptable range.   |                 | _____ | _____✓_____ | _____       |
| Compound #23 is marginally biased high, and the compounds #26,42,51,53,54,56,57,62,65,70,77 are biased high in SSTDCCC (BF141882.D). If any samples are found with Hit of this compound they will be analyzed again with proper passing CCC. |                 | _____ | _____✓_____ | _____       |
| 6. Blank Contamination - If yes, list compounds and concentrations in each blank:  |                 | _____ | _____✓_____ | _____       |
| 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 The Recovery is biased low for one compound and RPD is biased high for some compounds in Q1478-13MSD due to matrix interference. No corrective action is required.

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:

The Recovery is biased high for compound #77 and biased low for compound #16 in PB167016BS. This data will be used for hardcopies.

The sample Q1518-01 had to be analyzed with 5X dilution due to dirty and viscous matrix. Even in this diluted sample, internal standard failed due to the presence of nontargeted hydrocarbons which can be observed by the abnormal chromatogram. Hence, no corrective action is required.

\_\_\_\_\_  
krishna

Analyst

\_\_\_\_\_  
03/07/2025

Date

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

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

CHEMTECH PROJECT NUMBER: bf030725

SequenceID : bf030725 NA NO YES