

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

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

CHEMTECH PROJECT NUMBER: BM082224

SequenceID : BM082224

| | NA | NO | YES |
|--|-------|-------------|-------------|
| 1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks) | _____ | _____ | _____✓_____ |
| 2. GC/MS Tuning Specifications. DFTPP Meet Criteria Criteria (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. | _____ | _____ | _____ |
| CCC fail high side for compound #77 which is not present in parameter list of the associated samples. | _____ | _____ | _____ |
| 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 Recovery fail for some compound in P3671-10MSD due to matrix interference.

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:

Terphenyl-d14 was marginally biased high in PB162876BS . The data will be used for the hard copies.

Recovery of some compound fail high side in PB162876BS which Hit are not present in any associated samples.

Jagrut
Analyst

08/22/2024
Date

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