

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

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

CHEMTECH PROJECT NUMBER: BG040325

SequenceID : BG040325

| | 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. | _____ | _____✓_____ | _____✓_____ |
| Compounds #26,41,54,65 and #77 are biased high in SSTDCCC(BG064164.D). Compounds #26,41,54, and 65 are biased high and compound #2 is biased low in SSTDCCC(BG064180.D). If any samples are found with Hit of this compound they will be | _____ | _____✓_____ | _____✓_____ |
| 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 Only the Phenolic surrogates failed in the sample Q1690-01 proving matrix interference. Due to the limited volume availability of this water sample it can not be re-extracted and re-analyzing the sample will result in the sample surrogate failure hence this analysis will

8. 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:

Recovery failed high for some compound in PB167393BS, PB167376BS/BSD, PB167380BS, PB167417BS, PB167451BS/BSD and PB167445BS which hit are not present in any associated samples. And two surrogates, Nitrobenzene-d5 and 2,4,6-Tribromophenol, are biased high in PB167380BL and PB167380BS. This data will be used for hardcopies.

Analyst

04/04/2025

Date

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