

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

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

CHEMTECH PROJECT NUMBER: bp082024

SequenceID : bp082024

| | 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. | _____ | _____✓_____ | _____ |
| Certain compounds are biased high in the SSTDCCC(BP021566.D) if their hit is found in any samples they will be re-analyzed with a properly passing CCC. Compounds #32,54 are biased high in the ENDSSTDCCC(BP021573.D) but are not present in | _____ | _____✓_____ | _____ |
| 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 failed for some compound in P3600-6MS/MSD and P3518-15MS/MSD 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:

Recovery and RPD fail for some compound in PB162822BS/BSD which Hit are not present in any associated samples, And 1,4-Dioxane being a poor recovery compound its recovery is marginally biased low in PB162822BS/BSD however it is properly passing in CCC. Hence the data will be used for hardcopies.

Typically, only two BN surrogates 2-Fluorobiphenyl, and Terphenyl-d14 were failing in sample P3518-15 and its associated MS/MSD, Due to matrix interference. Hence no corrective action is required.

Analyst

Date

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