CHEMTECH

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

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

CHEMTECH PROJECT NUMBER: bg012423

SequenceID : bg012423

| | 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<br>If not met, list those compounds and their recoveries which fall outside the acceptable range. | ✓ | | |
| b. Continuous Calibration(CCC) Meet Criteria<br>If not met, list those compounds and their recoveries which fall outside the acceptable range.<br>In the SSTDCCC[BG056397.D], compound #16 is biased high but not present and compound #32 is marginally biased low but not required by any of the analyzed 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<br>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<br>If not met, list those compounds and their recoveries which fall outside the acceptable range. | | ✓ | |
| a. B/N Fraction — The recovery of one compound failed in O1260-22MS/MSD due to matrix interference and no corrective action is required. | | | |
| d. Acid Fraction | | | |
| 9. Internal Standard Area/Retention Time Shift Meet Criteria<br>Comments: | | | ✓ |
| 10. Extraction Holding Time Met<br>If not met, list number of days exceeded for each sample: | | | ✓ |
| 11. Analysis Holding Time Met<br>If not met, list number of days exceeded for each sample: | | | ✓ |

ADDITIONAL COMMENTS:

nishadh — Analyst

01/25/2023 — Date

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| SequenceID : | bg012423 | NA | NO | YES |