CHEMTECH

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

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

CHEMTECH PROJECT NUMBER: BF050323

SequenceID : BF050323

	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.			✓
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 of some compounds, including compound #54 and #65, were affected by matrix interference in O2583-04MS/MSD and no corrective action is required.

d. Acid Fraction The recovery of some compounds, including compound #54, were affected by matrix interference in O2588-09MS/MSD and no

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:

In PB152525BS and PB152548BS, the recovery of compound #77 is biased high, which is not present in any of their associated samples and therefore the data will be used for hardcopies.

The sample O2584-01 was analyzed with 2x dilution due to its dirty and concentrated matrix.

The samples O2582-01 and O2585-01 were analyzed with 5x dilution due to their dirty, concentrated and viscous matrix, which sticks to the sides of the vial and would not be injectable otherwise.

Priyankadave 05/04/2023

Analyst Date

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