CHEMTECH

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

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

CHEMTECH PROJECT NUMBER: bm111023

SequenceID : bm111023

	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			
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:

The samples O5279-05, O5317-01, O5291-01, O5252-01, O5253-03, O5253-04 were analyzed with their respective dilutions for viscous and dirty matrix. Internal standard failed even in 2X diluted sample, O5292-01, proving matrix interference.

Rahul

Analyst

11/20/2023

Date

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