

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

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

CHEMTECH PROJECT NUMBER: Bf013125

SequenceID : Bf013125

	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. Benzidine is marginally biased high in the SSTDCCC040 (BF141319.D). Compound #56,70 are biased high in the SSTDCCC(BF141336.D). If any samples are found with Hit of these compounds they	_____	_____	_____✓_____
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	<u>The Recovery and RPD failed for some compounds in Q1218-02MS/MSD.Q1239-10MS/MSD.Q1205-02MS/MSD Q1194-04/MSD due to Matrix interference. Hence, no corrective action is required.</u>		
d. Acid Fraction			
9. Internal Standard Area/Retention Time Shift Meet Criteria	_____	✓ _____	_____
Comments:			
The sample Q1244-01 had to be analyzed with 2X dilution due to viscous and dirty matrix and even in the diluted sample internal standard failed proving matrix interference. Therefore this analysis is final.			
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 sample Q1239-01 had be analyzed with 2X dilution due to dirty and viscous matrix. No corrective action is required.
Only 3 compounds are marginally biased low in the PB166363BS/BSD. The data will be used for hardcopies.

Hitesh
Analyst

02/01/2025
Date

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