

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

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

CHEMTECH PROJECT NUMBER: bf022525

SequenceID :	<u>bf022525</u>	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. Compounds # 84,85,87,91 & 92 are biased high in SSTDCCC (BF141755.D). If any samples are found with Hit of this compound they will be analyzed again with proper passing CCC.		_____	_____✓_____	_____
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 Terphenyl-d14 surrogate is marginally biased high in PB166840BL & PB166840BS. This data will be used for hardcopies.

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 failed for compound #32 in Q1421-02MS & Q1421-03MSD due to matrix interference. Hence, no corrective action is required.

d. Acid Fraction

9. Internal Standard Area/Retention Time Shift Meet Criteria

_____ ✓ _____

Comments:

Internal Standard failed in the sample Q1420-05.

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 Recovery is biased high for some compounds in PB166840BS and PB166843BS. This data will be used for hardcopies. The samples Q1416-01 and Q1418-01 had to be analyzed with 2X dilution each due to dirty and viscous matrix. Therefore, this analysis is final.

krishna

Analyst

02/26/2025

Date

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