

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

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

CHEMTECH PROJECT NUMBER: bm040725

SequenceID : bm040725

	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.	_____	_____✓_____	_____✓_____
The compounds #32,77,85 are biased high in the CCC. If any samples are found with Hit of this compound they will be analyzed again with proper passing CCC. Compound #4 is biased low in the CCC but not present in the parameters list of any associated.	_____	_____✓_____	_____✓_____
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 Recovery of compound #54 is affected in the sample Q1721-02MS/MSD and also recovery failed for many compounds in Q1721-02MSD due to matrix interference. Hence, no corrective action is required.

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:

Recovery failed for some compounds and One surrogate, 2,4,6-Tribromophenol, is biased high in PB167457BS. This data will be used for hardcopies.

The samples Q1733-01 and Q1732-01 had to be analyzed with 10X dilution each, and the sample Q1738-01 had to be analyzed with 5X dilution and the sample Q1737-01 with 2X dilution due to dirty and viscous matrix which would have been difficult to inject otherwise. Hence this analysis will be final.

Analyst

Date

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