

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

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

CHEMTECH PROJECT NUMBER: bf103024

SequenceID :	<u>bf103024</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. Certain compounds are biased high in SSTDCCC(BF140113.D) if any samples are found with hit of these compounds they will be re-analyzed with a properly 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

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:

_____ ✓ _____

Internal standard failed in P4617-07, P4611-04, 4618-01, P4595-01, P4594-01,09, P4614-01, P4598-09.

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:

Internal standard failed in the samples P4612-03 and P4613-01 due to the presence of non-targeted hydrocarbons, which can be witnessed by the abnormal chromatogram. Hence no corrective action is required. I.S failed in the sample P4619-01 due to dirty and concentrated matrix hence this analysis is final, anyhow this sample will be analyzed with this required dilution factor. Internal standard failed in the sample P4617-01 due to dirty and concentrated matrix, which can be witnessed by the abnormal chromatogram. Hence no corrective action is required.

Rahul

Analyst

10/31/2024

Date

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