

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

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

CHEMTECH PROJECT NUMBER: be103124

SequenceID : be103124

	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 #6,77 are biased high in SSTDCCC, 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 Surrogates failed in the sample P4578-02, due to the limited volume of this water sample it will be re-analyzed to confirm the matrix interference and will not be re-extracted.
- 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 Recovery of certain compounds were affected even in the diluted sample of both P4640-01MS and MSD proving 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 P4616-01MSD.

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 fail for some compound in PB164533BS/BSD which hit are not present in any associated samples.

The samples P4639-03, P4640-01 and its associated MS/MSD had to be analyzed with 5X dilution each due to dirty and viscous matrix, which was difficult to inject otherwise. Hence no corrective action is required.

Analyst

Date

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