

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

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

CHEMTECH PROJECT NUMBER: bn112524

SequenceID : bn112524

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)	_____	_____	<u>✓</u>
2. GC/MS Tuning Specifications. DFTPP Meet Criteria Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)	_____	_____	<u>✓</u>
3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 series	_____	_____	<u>✓</u>
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	_____	_____	<u>✓</u>
5. GC/MS Calibration Met:	_____	_____	<u>✓</u>
a. Initial calibration Meet Criteria	_____	<u>✓</u>	_____
If not met, list those compounds and their recoveries which fall outside the acceptable range.	_____	_____	_____
The % RSD is greater than 20% in the Initial Calibration (8270Sim-BN112524.M) for 4,6-Dinitro-2-methylphenol, is passing on Linear Regression			
b. Continuous Calibration(CCC) Meet Criteria	_____	<u>✓</u>	_____
If not met, list those compounds and their recoveries which fall outside the acceptable range.	_____	_____	_____
Certain compounds in the SSTDCCC(BN035293.D) are biased low but not present in parameter list of the associated samples and compound #2 is biased high if any samples are found with hit of this compound they will be re-analyzed with a properly passing			
6. Blank Contamination - If yes, list compounds and concentrations in each blank:	_____	<u>✓</u>	_____
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 Recovery of 1,4-Dioxane is marginally biased low and also Recovery and RPD a very few compound are out of QC limits in P4934-06MS and P4934-07MSD due to matrix interference. No corrective action is required.

d. Acid Fraction

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 of a very few compound are marginally biased high in PB165198BS/BSD but are not present in parameter list of the associated samples. The data will be used for hardcopies.

Hitesh

Analyst

11/26/2024

Date

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