

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

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

CHEMTECH PROJECT NUMBER: BF122724

SequenceID : BF122724

	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.	_____	_____	_____
b. Continuous Calibration(CCC) Meet Criteria	_____	<u>✓</u>	_____
If not met, list those compounds and their recoveries which fall outside the acceptable range.	_____	_____	_____
Compound #77 is biased high in SSTDCCC(BF140994.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:	_____	<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 The Recovery and RPD Failed for Some Compounds in P5362-01MS/MSD,P5382-01MS/MSD,P5343-01MS/MSD,P5387-01MS/MSD due to Matrix interference. No corrective action needed.

d. Acid Fraction

9. Internal Standard Area/Retention Time Shift Meet Criteria

Comments:

____ ____ ✓

Only one Internal standard failed marginally in the sample P5387-01MSD due to viscous matrix and the presence of nontargeted hydrocarbons which can be observed by the abnormal chromatogram. Hence, no corrective action is required.

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:

One surrogate Nitrobenzene-d5 was marginally biased high in PB165748BL, PB165814BL, PB165814BS, PB165845BL and PB165845BS and PB165872BL. The data will be used for the hard copies. Recovery for some compounds were biased high in PB165785BS\BSD, PB165790BS and PB165748BS,PB165814BS,PB165845BS. This data will be used for hardcopies. Phenanthrene was marginally biased high in PB165845BS and as it is passing properly in the CCC, the data will be used for the hard copies.

Jagrut

Analyst

12/27/2024

Date

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