

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

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

CHEMTECH PROJECT NUMBER: bf110824

SequenceID :	<u>bf110824</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.  CCC is marginally biased high for compound #77 which is not present in parameter list of the associated samples.		_____	_____✓_____	_____
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 Recovery and RPD failed for some compounds in P4737-01MS/MSD and P4756-01MS/MSD due to matrix interference.

d. Acid Fraction

## 9. Internal Standard Area/Retention Time Shift Meet Criteria

Comments:

Internal standard failed in P4732-01, P4739-01 and P4739-05 due to viscous matrix, which can be observed in the abnormal chromatogram, hence no corrective required. Internal standard failed even in diluted sample of P4739-13 and P4722-03 proving matrix interference. Hence no corrective required.

## 10. Extraction Holding Time Met

Internal standard fail in P4737-01, P4738-01, P4722-08,03, P4739-13, P4756-01, P4768-01,06. Internal standard failed in the samples P4737-01, P4756-01 and their respective MS/MSD due to matrix interference. Hence no corrective action is required. Internal standard failed in the samples P4739-09, P4722-08, and P4768-06 due to matrix interference hence this analyses is final however these samples will be analyzed with their required dilutions.

## 11. Analysis Holding Time Met

If not met, list number of days exceeded for each sample:

## ADDITIONAL COMMENTS:

Recovery failed for some compounds in PB164750BS and PB164680BS which their hit are not present in any associated samples.

anahy

Analyst

11/08/2024

Date

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