

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

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

CHEMTECH PROJECT NUMBER: bf102424

SequenceID :	<u>bf102424</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. A very few compounds are biased high in SSTDCCC(BF139990.D) and SSTDCCC(BF140001.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	<u>Recovery and RPD failed for some compound in P4467-01MS/MSD, P4460-03MS/MSD and P4487-05MS/MSD due to matrix interference. No corrective action is required.</u>		
d. Acid Fraction			
9. Internal Standard Area/Retention Time Shift Meet Criteria	_____	✓	_____
Comments:			
Internal standard failed in P4460-03, P4471-02, P4467-01, P4460-04, P4468-01, P4485-01, P4487-05, P4487-05MS/MSD, P4485-02, P4512-03, P4472-05			
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 certain compounds is biased high in PB164312BS, PB163997BS, PB164208BS and PB164338BS but their Hit is not present in any associated samples. Recovery of certain compounds is biased high in PB164315BS which are not present in parameter list of the associated samples.

Same internal standards failed in the sample P4487-05 and its associated MS/MSD, Proving matrix interference. Hence no corrective action is required.

The sample P4470-01 had to be analyzed with 2X dilution due to dirty and viscous matrix. Therefore this analysis will be final.

_____ krunal
Analyst

_____ 10/25/2024
Date

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