284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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

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

CHEMTECH PROJECT NUMBER: bf102324

SequenceID : bf102324

	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 #54,65,77 are biased high in SSTDCCC(BF139952.D) and SSTDCCC(BF139965.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 Recovery and RPD failed for some compound in P4397-06MS/MSD and P4397-02MS/MSD due to matrix interference. No corrective action is required.

d. Acid Fraction

9. Internal Standard Area/Retention Time Shift Meet Criteria ____ ✓ ____
Comments:

Internal standard failed in the sample P4489-01, due to the presence of non-targeted hydrocarbons, hence this sample will not be analyzed again. However it will be analyzed with the required dilution factor.

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:

Some compounds recoveries were biased high in PB164020BS, PB164216BS and PB164237BS, PB164154BS/BSD, PB164286BS but their hit was not present in any associated samples. Recovery of compound #52 and 90 in PB164123BS were marginally biased high and as they are meeting the criteria in the CCC, the data will be used for the hard copies.

krunal 10/24/2024

Analyst Date

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