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: bm082024

SequenceID : bm082024

	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.		✓	
Compound #77 is biased high in the SSTDCCC(BM047263.D) but not present in parameter list of the associated samples. And compound #79 is biased high 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 The Recovery and RPD failed for some compound in P3643-02MS, P3643-03MSD, P3637-02MS/MSD, P3652-01MSD due to matrix interference.

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 some compound fail in PB162861BS which are not present in parameter list of the associated samples. Terphenyl-d14 is slightly biased high and recovery of a very few compounds are marginally biased in the PB162798BS. The data will be used for hardcopies.

Tailing of Benzidine is biased high (0.44) in the DFTPP (BM047262.D) this tune is used to load the sequence with the consent of the lab manager.

krunal 08/21/2024

Analyst Date

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

CHEMTECH PROJECT NUMBER: bm082024

SequenceID :	bm082024	NA	NO	YES