CHEMTECH

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

CHEMTECH PROJECT NUMBER: BF080123

		NA	NO	YES
SequenceID :	BF080123			
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.			✔	

The % RSD is greater than 20% in the Initial Calibration method (Method 8270-BF080123.M) for 2-Nitrophenol, Benzoic acid,2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrotoluene ,4,6-Dinitro-2-methylphenol, this compound is passing on Linear

		NA	NO	YES
b. Continuous Calibration(CCC) Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.				✔
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

  d. Acid Fraction

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

  One Internal Standard is bias low in O3784-01, sample is very bad matrix and having parabolic type chromatogram, no
  further analysis for this sample, this run will be used as final run in hardcopy.

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 Internal Standard is bias low in O3784-01, sample is very bad matrix and having parabolic type chromatogram, no further
  analysis for this sample, this run will be used as final run in hardcopy.

hitesh	08/02/2023
Analyst	Date

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