



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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3321

MATRIX: TCLP

METHOD: 8151A/3510/1311

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified.			✓
2. Standard Summary Submitted.			✓
3. Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD. The Initial Calibration met the requirements. The Continuous Calibration met the requirements.			✓
4. Blank Contamination - If yes, list compounds and concentrations in each blank:			✓
5. Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries were met for all analysis except for P001-DS-01 [2,4-DCAA(1)52%, 2,4-DCAA(2)56%], P001-DS-01RE [2,4-DCAA(1)50%, 2 and 4-DCAA(2)55%] the failure samples in surrogates were reanalyzed to confirm the results as per method and reported in the data. P001-DS-01MS [2,4-DCAA(1)36%], P001-DS-01MSD [2,4-DCAA(1)36%] Surrogate failure for MS-MSD confirmed with original sample.			✓
6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The MS {Q3321-02MS} with File ID: PS032019.D recoveries met the requirements for all compounds except for [2,4,5-TP(Silvex)(1)50% - 2,4,5-TP(Silvex)(2)43%] and [2,4-D(1)0% - 2,4-D(2)0%] due to matrix interference. The MSD {Q3321-02MSD} with File ID: PS032020.D recoveries met the requirements for all compounds except for [2,4,5-TP(Silvex)(1)51% - 2,4,5-TP(Silvex)(2)43%] and [2,4-D(1)0% - 2,4-D(2)0%] due to matrix interference. The Blank Spike met requirements for all compounds. The RPD were met for all analysis.			✓
7. Retention Time Shift Meet Criteria (if applicable) Comments:			✓



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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

	NA	NO	YES
8. Extraction Holding Time Met			✓
If not met, list number of days exceeded for each sample:			
9. Analysis Holding Time Met			✓
If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS:

2,4-D compound was undetected in MS-MSD associated with the sample. This indicates that the spiked compound was not recovered due to strong matrix interference affecting extraction, Due to matrix interference F flag coming in original sample as well as in MS-MSD.

QA REVIEW

Date