



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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q2819

MATRIX: Solid

METHOD: 8081B/3541

	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 not QT review data is reported in the Miscellaneous. The soil samples results are based on a dry weight basis.			✓
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 met the acceptable criteria except for 84SB-W [Decachlorobiphenyl(1)48%] as per method one surrogate is allowed to failed, therefore no corrective action was taken. 17M-WDL2 [Tetrachloro-m-xylene(2)132%] but this sample was required dilution as well due to high concentration, therefore no further corrective action taken..		✓	



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	NA	NO	YES
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 recoveries for {Q2819-14MS} with File ID: PD089894.D met requirements for all samples except for [alpha-Chlordane(1)-31% - alpha-Chlordane(2)-15%], [gamma-Chlordane(1)-5% - gamma-Chlordane(2)15%], [Heptachlor epoxide(1)137% - Heptachlor epoxide(2)161%], [Endosulfan II(2)514%], and [Endrin(2)177%] Due to matrix interference due to matrix interference.			
The MSD {Q2819-14MSD} with File ID: PD089895.D recoveries met the acceptable requirements except for [alpha-Chlordane(1)-36% - alpha-Chlordane(2)-10%], [gamma-Chlordane(1)-15% - gamma-Chlordane(2)5%], [Heptachlor epoxide(1)148% - Heptachlor epoxide(2)160%],[Endosulfan II(2)520%], and [Endrin(2)176%] Due to matrix interference due to matrix interference.			
The Blank Spike met requirements for all samples			
The RPD for {Q2819-14MSD} with File ID: PD089895.D met criteria except for [Aldrin(1)50%], [gamma-Chlordane(1)100%], [Endosulfan I(2)39%] [Alpha-Chlordane(2)40%],[Gamma-Chlordane(2)100%] and [4,4-DDD(2)42%]due to difference in results of MS and MSD.			
7. Retention Time Shift Meet Criteria (if applicable)			✓
Comments:			
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:

Samples 11M-S, 17M-W and 17M-WDL were diluted due to high concentrations.

The not QT review data is reported in the Miscellaneous.

The soil samples results are based on a dry weight basis.

QA REVIEW

Date



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NA NO YES