



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

### GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q2747

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 %RSD is greater than 20% in the Initial Calibration (Method PL072825.M) for Endrin aldehyde in 2nd column, this Compound is passing on Linear regression.			
The Continuous Calibration File ID PD089774.D met the requirements except for Endrin aldehyde is failing in 2nd column but no positive hit in associated samples therefore no corrective action taken.			
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 OU4-TS-GRILLO-TSCP02-073125 [Decachlorobiphenyl(1)52%]As per method one surrogate allowed to fail to meet the criteria per column, No further corrective action was taken.			
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 {Q2734-01MS} with File ID: PL096696.D recoveries met the requirements for all compounds except for [4,4-DDT(2)-30%] due to matrix interference.			
The MSD {Q2734-01MSD} with File ID: PL096697.D recoveries met the requirements for all compounds except for [4,4-DDT(2)-28%] due to matrix interference.			
The Blank Spike met requirements for all compounds.			
The RPD for {Q2734-01MSD} with File ID: PL096697.D met criteria except for Methoxychlor(1)-26% due to difference in result of MS and MSD.			



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**GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)**

	NA	NO	YES
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:**

As per special requirement for this project form-1 are reported in mg/kg.

The not QT review data is reported in the Miscellaneous.

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

For samples # OU4-TS-GRILLO-OG4-073125 compound # gamma-Chlordane below Method detection limits, therefore it is not reported as Hit in Form-1.

Sample # OU4-TS-GRILLO-OG3-073125 was reported with J flag on form-1 for compound # gamma-Chlordane, based on reporting criteria of high concentration from both column, now for the other column compound detection is below MDL , therefore it is not detecting on Compound Detection Summary form .

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QA REVIEW

\_\_\_\_\_  
Date