

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: N5234

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 Initial Calibration met the requirements. The Continuous Calibration File ID PD072583.D met the requirements except for gamma-BHC (Lindane) is failing in 1st column. Associated samples have no positive hit of this compound. The Continuous Calibration File ID PD072601.D met the requirements except for gamma-BHC (Lindane) is failing in 1st column. Associated samples have no positive hit of this compound. The Continuous Calibration File ID PD072607.D met the requirements except for gamma-BHC (Lindane) is failing in 1st column. Associated samples have no positive hit of this compound.		✓	
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.			✓
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 {N5235-02MS} with File ID: PD072604.D met requirements for all samples except for 4,4-DDD[156%], Aldrin[150%], alpha-BHC[141%], beta-BHC[138%], Dieltrin[147%], Endosulfan I[161%], gamma-BHC (Lindane)[143%], Heptachlor epoxide[139%] and Heptachlor[140%] due to sample matrix interference. The MSD {N5235-03MSD} with File ID: PD072605.D recoveries met requirements for all samples except for 4,4-DDD[170%], Aldrin[163%], alpha-BHC[155%], beta-BHC[153%], delta-BHC[157%], Dieltrin[160%], Endosulfan I[176%], Endosulfan II[158%], Endrin ketone[131%], Endrin[144%], gamma-BHC (Lindane)[155%], Heptachlor epoxide[150%] and Heptachlor[152%] due to sample matrix interference. The Blank Spike met requirements for all samples. The RPD met criteria.		✓	
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:			✓



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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

	NA	NO	YES
9. Analysis Holding Time Met If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓

ADDITIONAL COMMENTS:

Samples LSP-SS-06-00-20, LSP-SS-07-00-20 was diluted due to bad matrix.

Samples LSP-SS-07-00-20, LSP-SS-06-00-20, LSP-SS-01-00-20MS and LSP-SS-01-00-20MSD were extremely dark brown on color. Therefore as precautionary measure lab has analyzed these samples with straight 10x dilution.

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

QA REVIEW

Date