

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: M1838

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 PD061875.D met the requirements except for alpha-BHC,delta-BHC,gamma-BHC (Lindane),Heptachlor is failing in 1st column however associated samples with no hits and QC's within QC limits. The Continuous Calibration File ID PD061941.D met the requirements except for alpha-BHC is failing in 2nd column associated samples with no hits. | | | |
| 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 FS-SB13(25-26)MS [Tetrachloro-m-xylene(2) - 133%], PHC-BEAPT-001 [Decachlorobiphenyl(1) - 547%, Decachlorobiphenyl(2) - 508%], PHC-BEAPT-001RE [Decachlorobiphenyl(1) - 558% and Decachlorobiphenyl(2) - 449%]. | | ✓ | |
| 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 {M1828-02MS} with File ID: PD061869.D met requirements for all samples except for delta-BHC[28%]. The MSD {M1828-02MSD} with File ID: PD061870.D recoveries met requirements for all samples except for delta-BHC[28%]. 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: | | | ✓ |
| 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.



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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

The not QT review data is reported in the Miscellaneous.

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

QA REVIEW

Date