

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: N2933

MATRIX: Solid

METHOD: 8082A/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 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 met the acceptable criteria except for P023-SS003-0006-01 [Decachlorobiphenyl(2) - 28%], P023-SS005-0006-01 [Decachlorobiphenyl(1) - 258%, Decachlorobiphenyl(2) - 225%], P023-SS005-0006-01RE [Decachlorobiphenyl(1) - 263% and Decachlorobiphenyl(2) - 250%].		✓	
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 {N2932-17MS} with File ID: PO086803.D recoveries met the requirements for all compounds except for AR1016[155%], AR1260[149%] due to matrix interference. The MSD {N2932-18MSD} with File ID: PO086804.D recoveries met the acceptable requirements except for AR1016[150%], AR1260[149%] due to 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.			
The Holding Times were met for all analysis except for P023-SS001-0612-01, P023-SS001-1218-01, P023-SS001-1824-01, P023-SS001-2430-01, P023-SS002-0006-01, P023-SS002-0612-01, P023-SS002-0612-01MS, P023-SS002-0612-01MSD, P023-SS002-0612-02, P023-SS002-1218-01, P023-SS002-1824-01, P023-SS002-2430-01, P023-SS003-0006-01, P023-SS003-0612-01, P023-SS003-0612-01DL, P023-SS003-1218-01, P023-SS003-1218-01DL, P023-SS003-1824-01, P023-SS003-2430-01, P023-SS004-0006-01, P023-SS004-0612-01, P023-SS004-1218-01, P023-SS004-1824-01, P023-SS004-2430-01, P023-SS005-0006-01, P023-SS005-0006-01RE, P023-SS005-0612-01, P023-SS005-1218-01 and P023-SS005-1824-01.			

ADDITIONAL COMMENTS:

Samples P023-SS003-0612-01, P023-SS003-1218-01 were diluted due to high concentrations.

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

QA REVIEW

Date