

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012; NEW YORK LAB ID#: 11376

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: P3671

MATRIX: Solid

METHOD: 8270-Modified/3541

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements.			✓
	The Initial Calibration met the requirements . The Continuous Calibration met the requirements .			
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:			✓
7.	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
S-905-J-SO-0-0.5-081924 [Fluoranthene-d10 - 28%, Terphenyl-d14 - 22%],
S-905-J-SO-0-0.5-081924DL [Fluoranthene-d10 - 26%, Terphenyl-d14 - 23%],
S-905-J-SO-0-0.5-081924-FD [Terphenyl-d14 - 24%],
S-905-J-SO-0-0.5-081924-FDDL [Terphenyl-d14 - 28%],
S-912-J-SO-0-0.5-081924 [Terphenyl-d14 - 24%], these compounds did not meet the
NJDKQP criteria but met the in-house criteria, while
S-912-J-SO-0.5-1-081924 [Fluoranthene-d10 - 24%, this compound did not meet the
NJDKQP criteria but met the in-house criteria but Terphenyl-d14 - 20%], this
compound did not meet the NJDKQP criteria and in-house criteria and as per method
one surrogate is allowed to failed therefore no corrective action was taken.

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(CONTINUED)

	NA	NO	YES
8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
The Blank Spike met requirements for all samples .			
9. Internal Standard Area/Retention Time Shift Meet Criteria			✓
Comments:			
10. Extraction Holding Time Met			✓
If not met, list number of days exceeded for each sample:			
11. Analysis Holding Time Met			✓
If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

Samples S-905-J-SO-0-0.5-081924, S-905-J-SO-0-0.5-081924-FD and S-903-J-SO-0.5-1.0-081924 were diluted due to high concentrations.

This Data Package has been Revised due to Client ID Change for some sample as per Client Request.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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

Samples S-904-J-SO-0-0.5-081924, S-904-J-SO-0.5-1.0-081924, S-905-J-SO-0.5-1.0-081924, S-903-J-SO-0-0.5-081924, were not analyzed in SIM due to high concentration of the target compound in Total scan analysis.

For sample # S-912-J-SO-0.5-1-081924 some compounds below Method detection limits, therefore it is not reported as Hit in Form-1.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added

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(CONTINUED)

NA NO YES

and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

QA REVIEW

Date