



CASE NARRATIVE

Nobis Group

Project Name: Raymark Superfund Site

Project # N/A

Order ID # Q2638

Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:

7 Solid samples were received on 07/18/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Pesticide-TCL. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:

The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df.; Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11. The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for
OU4-TS-31-071725 [Decachlorobiphenyl(1)27%, Decachlorobiphenyl(2)23%],
OU4-TS-31-071725RE [Decachlorobiphenyl(1)29%, Decachlorobiphenyl(2)28%],
OU4-TS-33-071725 [Decachlorobiphenyl(1)37%, Decachlorobiphenyl(2)34%],
OU4-TS-33-071725RE [Decachlorobiphenyl(1)38%, Decachlorobiphenyl(2)39%],
OU4-TS-34-071725 [Decachlorobiphenyl(1)34%, Decachlorobiphenyl(2)30%],
OU4-TS-34-071725RE [Decachlorobiphenyl(1)36%, Decachlorobiphenyl(2)34%], the failure samples in surrogates with both columns were reanalyzed to confirm the results as per method and reported in the data while,

OU4-TS-32-071725 [Decachlorobiphenyl(1)39%], OU4-TS-35-071725 [Decachlorobiphenyl(2)54%] and OU4-TS-36-071725 [Decachlorobiphenyl(2)53%] AS per method one surrogate allowed to fail to meet the criteria per column, No further corrective action was taken.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.



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The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

E. 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.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____