

CASE NARRATIVE

Woodard & Curran Inc.

Project Name: AMCY FMRP Response

Project # N/A

Chemtech Project # M4134

Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 10/07/2021.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, pH, SVOC-PAH, SVOCMS Group1 and VOCMS Group1. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:

The analysis was performed on instrument ECD_L. The front column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11 The rear column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,; Catalog # 7HM-G016-17. .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 met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS {M4134-01MS} with File ID: PL070221.D recoveries met the requirements for all compounds except for beta-BHC[658%], delta-BHC[179%] due to sample matrix interference.

The MSD {M4134-01MSD} with File ID: PL070222.D recoveries met the acceptable requirements except for beta-BHC[658%], delta-BHC[196%] and Endosulfan II[160%] due to sample matrix interference.

The RPD met criteria.

The Blank Spike met requirements for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

Samples SP-01, SP-01MS and SP-01MSD were diluted due to bad matrices.

E. Additional Comments:

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



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Samples SP-01, SP-01MS and SP-01MSD were dark brown in matrix, therefore as precautionary measure lab has analyzed these samples with straight 10x dilution due to sample nature, it was not plausible for lab to run these samples undiluted.

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_____