



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

LiRo Engineers, Inc.

Project Name: DDC OECS - Staten Island, NY

Project # N/A

Chemtech Project # N2364

Test Name: Gasoline Range Organics

A. Number of Samples and Date of Receipt:

8 Solid samples were received on 04/11/2022.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Gasoline Range Organics, Ignitability, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-PAH, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TPH GC and VOC-TCLVOA-10. This data package contains results for Gasoline Range Organics.

C. Analytical Techniques:

The analysis performed on instrument FID_B were done using GC column RTX502.2 which is 60 meters, 0.53mm ID, 3.0 um df, cat#10909. The analysis of Gasoline Range Organics was based on method 8015D.

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 recoveries met the requirements for all compounds.

The MSD recoveries met the acceptable requirements.

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 SB-01-COMP, SB-02-COMP, SB-03-COMP and SB-09-COMP were diluted due to bad matrices.

E. Additional Comments:

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

Samples SB-01-COMP, SB-02-COMP, SB-03-COMP and SB-09-COMP were directly run in methanol as both low level soil vials did not purged.



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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_____