



284 Sheffield Street, Mountainside, NJ 07092
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CASE NARRATIVE

ENTACT

Project Name: North Point

Project # N/A

Chemtech Project # P4103

Test Name: Gasoline Range Organics

A. Number of Samples and Date of Receipt:

18 Solid samples were received on 09/18/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: ASTM Ammonia, ASTM COD, ASTM Leach Extraction, ASTM Oil and Grease, ASTM TS, Corrosivity, Cyanide, Diesel Range Organics, EPH, Gasoline Range Organics, Hexavalent Chromium, Ignitability, Mercury, Metals Group1, Metals ICP-Group1, Paint Filter, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TCLP Metals Group2, TS, TVS 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 {P4103-16MS} with File ID: FB030950.D recoveries met the requirements for all compounds except for GRO[228.4%] Due to matrix interference.

The MSD {P4103-16MSD} with File ID: FB030951.D recoveries met the acceptable requirements except for GRO[368.3%] Due to matrix interference.

The RPD for {P4103-16MSD} with File ID: FB030951.D met criteria except for GRO[46.9%] due to difference in results of MS and MSD.

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 .



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The Continuous Calibration met the requirements .

Samples WC-14-5-7.5A, WC-14-7.5-10A, WC-14-7.5-10B and WC-23 both soil vial did not purge therefore analyzed directly in methanol.

Sample WC-14-5-7.5B were diluted due to bad matrices.

E. Additional Comments:

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_____