

## **CASE NARRATIVE**

### **ENTACT**

**Project Name: North Point - 4101 Arthur Kill Rd - E9306**

**Project # N/A**

**Chemtech Project # Q1308**

**Test Name: Gasoline Range Organics**

### **A. Number of Samples and Date of Receipt:**

13 Solid samples were received on 02/05/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Diesel Range Organics, EPH and Gasoline Range Organics. 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 except for EX-6-TPH-1 [Alpha,Alpha,Alpha-Trifluorotoluene - 0%] Surrogates were diluted out due to the high dilution. No further corrective action was taken.

The Surrogate recoveries met the acceptable criteria except for EX-8-TPH-1 [Alpha,Alpha,Alpha-Trifluorotoluene - 180%], EX-6-TPH-2 [Alpha,Alpha,Alpha-Trifluorotoluene - 162%], EX-11-TPH-9 [Alpha,Alpha,Alpha-Trifluorotoluene - 155%], EX-11-TPH-10 [Alpha,Alpha,Alpha-Trifluorotoluene - 362%], EX-11-TPH-11 [Alpha,Alpha,Alpha-Trifluorotoluene - 261%], EX-11-TPH-12 [Alpha,Alpha and Alpha-Trifluorotoluene - 224%]. but this sample was required dilution as well due to high concentration, therefore no further corrective action taken.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate 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 .



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Samples EX-8-TPH-1, EX-6-TPH-1, EX-6-TPH-2, EX-11-TPH-5, EX-11-TPH-6, EX-11-TPH-7, EX-11-TPH-8, EX-11-TPH-9, EX-11-TPH-10, EX-11-TPH-11, EX-11-TPH-12, EX-11-TPH-13 and EX-11-TPH-14 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.

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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\_\_\_\_\_