# Energy Laboratories Inc

# ANALYTICAL RUN Summary

*14-Jan-22*

**Run ID** PE 1_211208B

**Run Start Date:** 12/8/2021
**Analyst:** Josie Pickard
**Ical:** 0
**Column ID:** Rtx-502.2
**Comments:**

| Instrument ID | Description |
|---|---|
| VOC1-14 | 2-Place Balance |

| Std ID | Std Name | Std Amount | Std Units | Samp Amount | Samp Units | SampType | Expiration Date |
|---|---|---|---|---|---|---|---|
| GAS210122 | Unleaded Gasoline Comp. Std.(2.0uL) | | | | | | 6/7/2023 |
| GASL211208 | Low Gasoline Std. | | | | | | 6/7/2023 |
| GQC201214 | Gasoline Composite Mix (1.68uL) | 1.68 | ul | | | ICV | 4/2/2030 |
| GROS200921 | Gro Stock Standard Mt.Gro | 0.84 | ul | | | Marker | 3/28/2029 |
| SHP0292 | VOA 1:1 HCl:H2O Solution | 3 | drops | | | ALL | 12/15/2025 |
| TFT211208 | TFT (1.05uL) | | | | | | 9/10/2029 |
| TFTL211208 | TFTL | | | | | | 9/10/2029 |
| TFTM211208 | TFTM | | | | | | 9/10/2029 |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14910960 | CCV_1208PE12 | HC-8015-GRO- | CCV | | 12/8/2021 10:39: | 1 | R371441 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | A | ug/L | 245.5184 | 245.5184 | | 168 | 0 | 0 | 2.32 | 20 | 0 | 146% | 80 | 120 | 0% | S |
| Total Purgeable Hydrocarbons | A | ug/L | 256.3839 | 256.3839 | | 200 | 0 | 0 | 3.56 | 20 | 0 | 128% | 80 | 120 | 0% | S |
| Trifluorotoluene | S | ug/L | 21.39915 | 21.39915 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 86% | 80 | 120 | 0% | |
| GRO as Gasoline | X | ug/L | 245.5184 | 245.5184 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14910961 | CCV_1208PE12 | HC-8015-GRO- | CCV | | 12/9/2021 12:59: | 1 | R371441 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | A | ug/L | 16.13485 | 16.13485 | | 16.8 | 0 | 0 | 2.32 | 20 | 0 | 96% | 80 | 120 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 18.94534 | 18.94534 | | 20 | 0 | 0 | 3.56 | 20 | 0 | 95% | 80 | 120 | 0% | |
| Trifluorotoluene | S | ug/L | 1.062791 | 1.062791 | | 1 | 0 | 0 | 0.0743 | 1 | 0 | 106% | 80 | 120 | 0% | |
| GRO as Gasoline | X | ug/L | 16.13485 | 16.13485 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14910962 | CCV_1208PE12 | HC-8015-GRO- | CCV | | 12/9/2021 1:34:2 | 1 | R371441 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | A | ug/L | 84.50686 | 84.50686 | | 84 | 0 | 0 | 2.32 | 20 | 0 | 101% | 80 | 120 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 100.3098 | 100.3098 | | 100 | 0 | 0 | 3.56 | 20 | 0 | 100% | 80 | 120 | 0% | |
| Trifluorotoluene | S | ug/L | 5.58406 | 5.58406 | | 5 | 0 | 0 | 0.0743 | 1 | 0 | 112% | 80 | 120 | 0% | |
| GRO as Gasoline | X | ug/L | 84.50686 | 84.50686 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14910963 | CCV_1208PE12 | HC-8015-GRO- | CCV | | 12/9/2021 2:09:2 | 1 | R371441 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | A | ug/L | 169.3677 | 169.3677 | | 168 | 0 | 0 | 2.32 | 20 | 0 | 101% | 80 | 120 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 201.89 | 201.89 | | 200 | 0 | 0 | 3.56 | 20 | 0 | 101% | 80 | 120 | 0% | |
| Trifluorotoluene | S | ug/L | 23.42411 | 23.42411 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 94% | 80 | 120 | 0% | |
| GRO as Gasoline | X | ug/L | 169.3677 | 169.3677 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14910964 | CCV_1208PE12 | HC-8015-GRO- | CCV | | 12/9/2021 2:44:2 | 1 | R371441 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | A | ug/L | 849.1638 | 849.1638 | | 840 | 0 | 0 | 2.32 | 20 | 0 | 101% | 80 | 120 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 1017.955 | 1017.955 | | 1000 | 0 | 0 | 3.56 | 20 | 0 | 102% | 80 | 120 | 0% | |
| Trifluorotoluene | S | ug/L | 93.30469 | 93.30469 | | 100 | 0 | 0 | 0.0743 | 1 | 0 | 93% | 80 | 120 | 0% | |
| GRO as Gasoline | X | ug/L | 849.1638 | 849.1638 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14910965 | CCV_1208PE13 | HC-8015-GRO- | CCV | | 12/9/2021 3:19:3 | 1 | R371441 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | A | ug/L | 1704.373 | 1704.373 | | 1680 | 0 | 0 | 2.32 | 20 | 0 | 101% | 80 | 120 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 2044.461 | 2044.461 | | 2000 | 0 | 0 | 3.56 | 20 | 0 | 102% | 80 | 120 | 0% | |
| Trifluorotoluene | S | ug/L | 190.0902 | 190.0902 | | 200 | 0 | 0 | 0.0743 | 1 | 0 | 95% | 80 | 120 | 0% | |
| GRO as Gasoline | X | ug/L | 1704.373 | 1704.373 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14910966 | LCS_1208PE13 | HC-8015-GRO- | LCS | | 12/9/2021 4:29:4 | 1 | R371441 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | A | ug/L | 170.5147 | 170.5147 | | 170 | 0 | 0 | 2.32 | 20 | 0 | 100% | 80 | 120 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 208.3308 | 208.3308 | | 200 | 0 | 0 | 3.56 | 20 | 0 | 104% | 80 | 120 | 0% | |
| Trifluorotoluene | S | ug/L | 22.09964 | 22.09964 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 88% | 80 | 120 | 0% | |
| GRO as Gasoline | X | ug/L | 170.5147 | 170.5147 | | 170 | 0 | 0 | 2.32 | 20 | 0 | 100% | 80 | 120 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14910967 | CCV_1208PE13 | HC-8015-GRO- | CCV | | 12/9/2021 5:04:4 | 1 | R371441 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | A | ug/L | 169.2249 | 169.2249 | | 168 | 0 | 0 | 2.32 | 20 | 0 | 101% | 80 | 120 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 202.0202 | 202.0202 | | 200 | 0 | 0 | 3.56 | 20 | 0 | 101% | 80 | 120 | 0% | |
| Trifluorotoluene | S | ug/L | 23.20175 | 23.20175 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 93% | 80 | 120 | 0% | |
| GRO as Gasoline | X | ug/L | 169.2249 | 169.2249 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

Write Sequence  Insert Entries(Have the first cell for entries selecte

| Data File | Sample Name | Method | Weight | Dil Factor | Amt Inj. | IS | Cal ID |
|---|---|---|---|---|---|---|---|
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.22r | CCV_1208PE122r, GQC ;1208PE1 , 8015 Marker | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.23r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.24r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.25r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.26r | CCV_1208PE126r, GQC ;1208PE1 , G1 | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.27r | CCV_1208PE127r, GQC ;1208PE1 , G2 | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.28r | CCV_1208PE128r, GQC ;1208PE1 , G3 | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.29r | CCV_1208PE129r, GQC ;1208PE1 , G4 | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.30r | CCV_1208PE130r, GQC ;1208PE1 , G5 | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.31r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.32r | LCS_1208PE132r, GQC ;1208PE1 , ICV | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.33r | CCV_1208PE133r, GQC ;1208PE1 , CCV | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.34r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |

File Name: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Version: 4

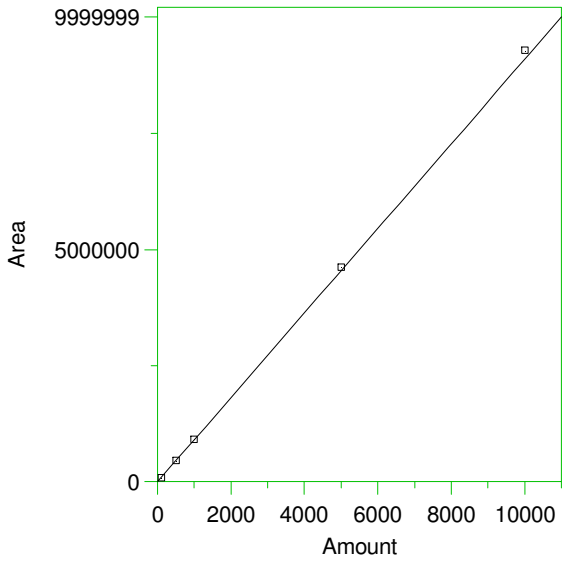
Creator: jmp
Description: 8015 GRO Composite Gasoline Std 12/8/21
Reason for change:

External standard calibration
Standard injection volume: 1
Standard sample weight: 1
Area reject threshold: 50
Reference peak area reject threshold: 15000
Amount units: nanograms
No default component

Method of calculating data point averages: Current update equal to cal data
Print calibration update report

All levels are normal data points.

1 TPH




Expected retention time: 4.55 minutes
Search window: 0.1 minutes
No retention time reference component
Group number: 1

High alarm limit: 1000000
Low alarm limit: 1000
Component constant: 1

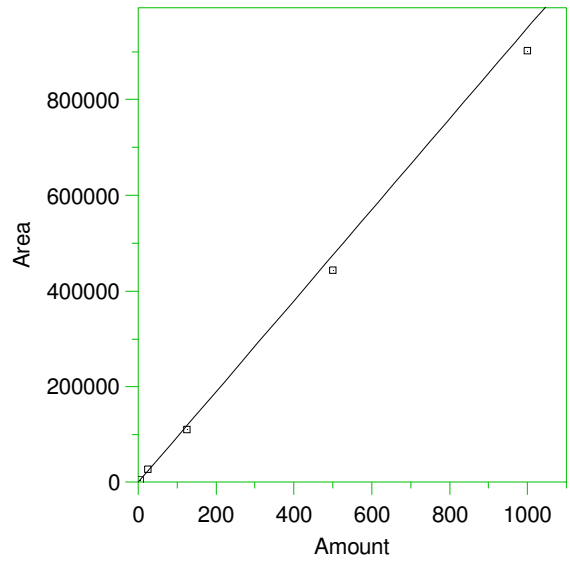
Single peak quantification by area

Y = 909.3915 X + 0

Average CF fit with equal weighting, forced to origin
Coefficient of determination: 0.9992262
Average error: 2.109%
Average CF: 909.3915
RSD: 3.040%

| Level | Amount | Response | Cal Factor | Error, % | Source | Date and time |
|---|---|---|---|---|---|---|
| 1 | 100 | 86143.63 | 861.4363 | -5.273 | Manual | 12/9/2021 7:44:50 AM |
| 2 | 500 | 456104.3 | 912.2086 | 0.310 | Manual | 12/9/2021 7:45:04 AM |
| 3 | 1000 | 917985.1 | 917.9851 | 0.945 | Manual | 12/9/2021 7:45:17 AM |
| 4 | 5000 | 4628599 | 925.7198 | 1.796 | Manual | 12/9/2021 7:45:32 AM |
| 5 | 10000 | 9296078 | 929.6078 | 2.223 | Manual | 12/9/2021 7:45:57 AM |

2 **Trifluorotoluene




Expected retention time: 8.7 minutes
Search window: 0.1 minutes
No retention time reference component
Group number: 1

High alarm limit: 1000000
Low alarm limit: 1000
Component constant: 1

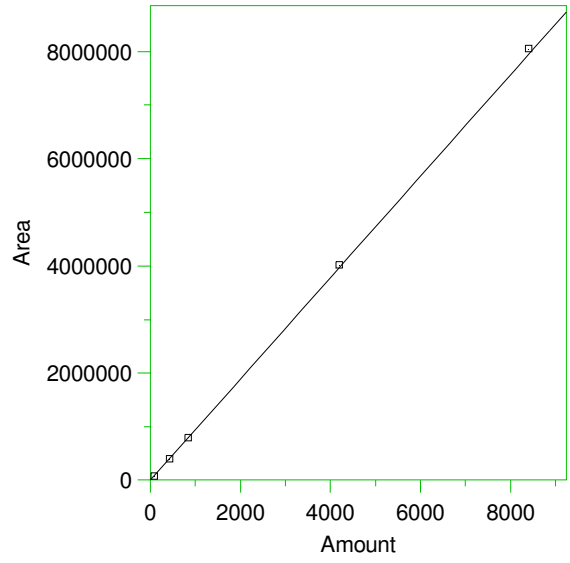
Single peak quantification by area

Y = 949.8164 X + 0

Average CF fit with equal weighting, forced to origin
Coefficient of determination: 0.9943398
Average error: 7.181%
Average CF: 949.8164
RSD: 8.439%

| Level | Amount | Response | Cal Factor | Error, % | Source | Date and time |
|---|---|---|---|---|---|---|
| 1 | 5 | 5047 | 1009.4 | 6.273 | Manual | 12/9/2021 7:37:16 AM |
| 2 | 25 | 26519 | 1060.76 | 11.681 | Manual | 12/9/2021 7:40:13 AM |
| 3 | 125 | 111243 | 889.944 | -6.304 | Manual | 12/9/2021 7:41:25 AM |
| 4 | 500 | 443112 | 886.224 | -6.695 | Manual | 12/9/2021 7:42:24 AM |
| 5 | 1000 | 902754 | 902.754 | -4.955 | Manual | 12/9/2021 7:43:15 AM |

3 GRO Range End




Expected retention time: 17.83 minutes
Search window: 0.1 minutes
No retention time reference component
Group number: 1

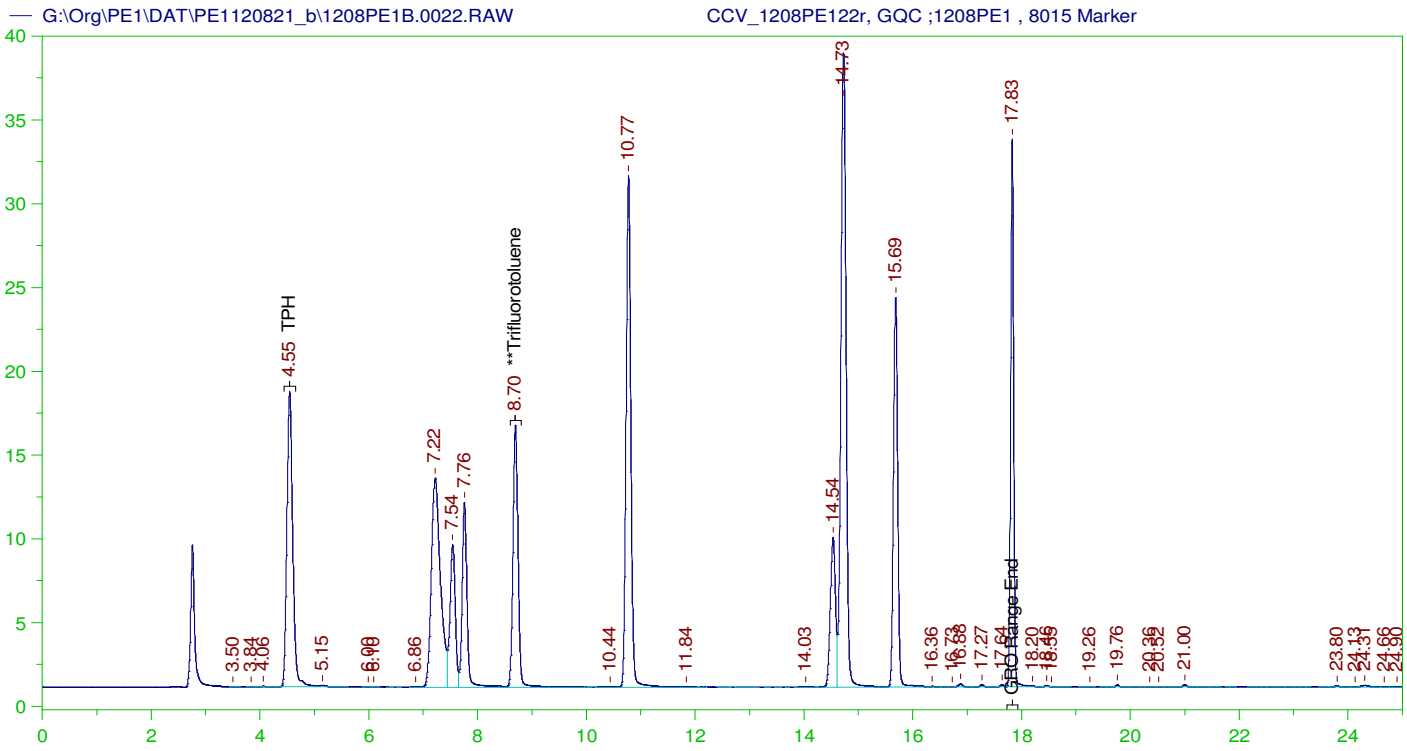
High alarm limit: 1000000
Low alarm limit: 1000
Component constant: 1

Single peak quantification by area

Y = 945.9678 X + 0

Average CF fit with equal weighting, forced to origin
Coefficient of determination: 0.9996708
Average error: 1.584%
Average CF: 945.9678
RSD: 2.236%

| Level | Amount | Response | Cal Factor | Error, % | Source | Date and time |
|---|---|---|---|---|---|---|
| 1 | 84 | 76315.23 | 908.5146 | -3.959 | Manual | 12/9/2021 7:44:54 AM |
| 2 | 420 | 399703.8 | 951.6757 | 0.603 | Manual | 12/9/2021 7:45:09 AM |
| 3 | 840 | 801082.1 | 953.6692 | 0.814 | Manual | 12/9/2021 7:45:23 AM |
| 4 | 4200 | 4016408 | 956.2876 | 1.091 | Manual | 12/9/2021 7:45:44 AM |
| 5 | 8400 | 8061411 | 959.6918 | 1.451 | Manual | 12/9/2021 7:46:02 AM |




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV_1208PE122r, GQC ;1208PE1 , 8015 Marker
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0022.RAW
Date & Time Acquired: 12/8/2021 10:39:19 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

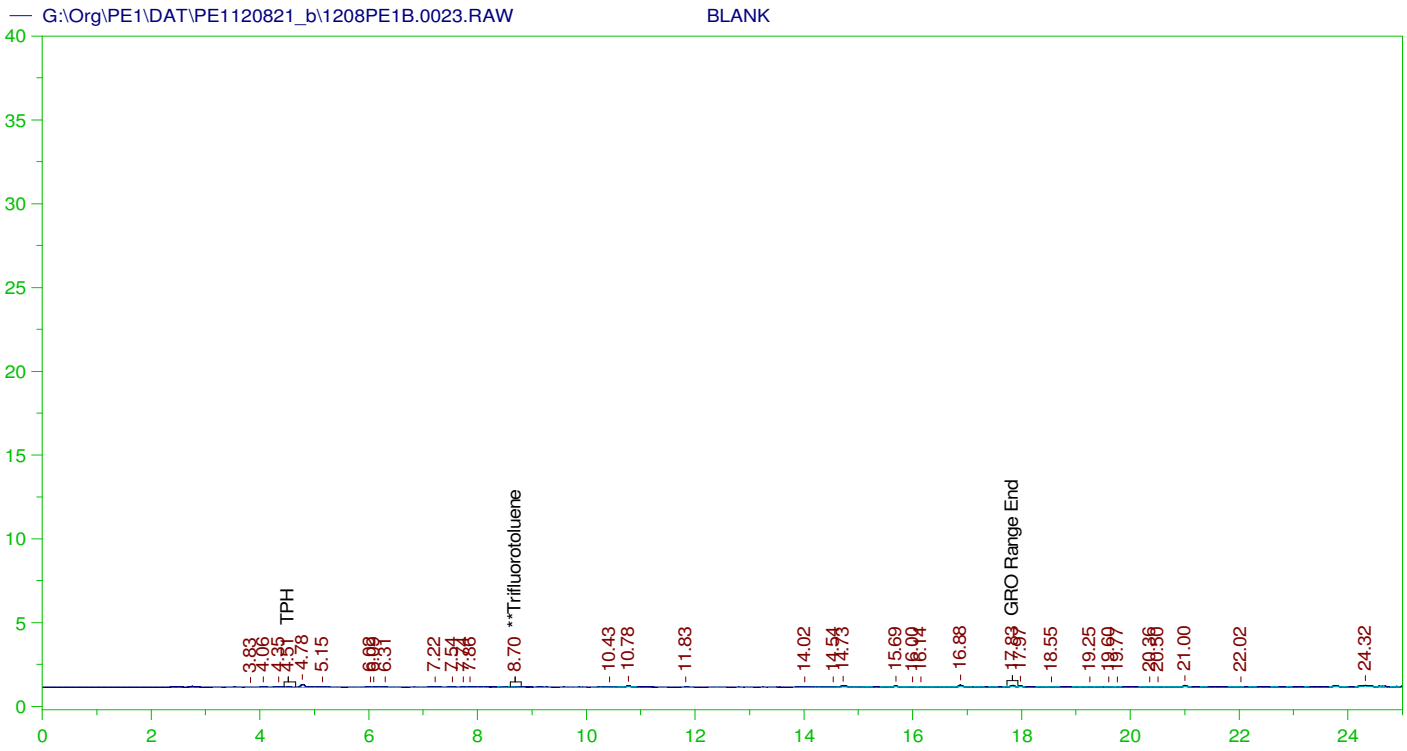
| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.697 | 125. | 106.996 | 85.6 | - |

GRO Area:1161262 GRO Amount: 1227.592
TPH Area:1165767 TPH Amount: 1281.92

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0022.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 1227.59 | 146.14 | 85-115 |
| TPH | 1000. | 1281.92 | 128.19 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.697 | 125. | 106.996 | 85.6 | 85-115 |




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0023.RAW
Date & Time Acquired: 12/8/2021 11:14:25 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.696 | 125. | .173 | .14 | - |

GRO Area:6425.571 GRO Amount: 6.79259
TPH Area:8542.397 TPH Amount: 9.393532

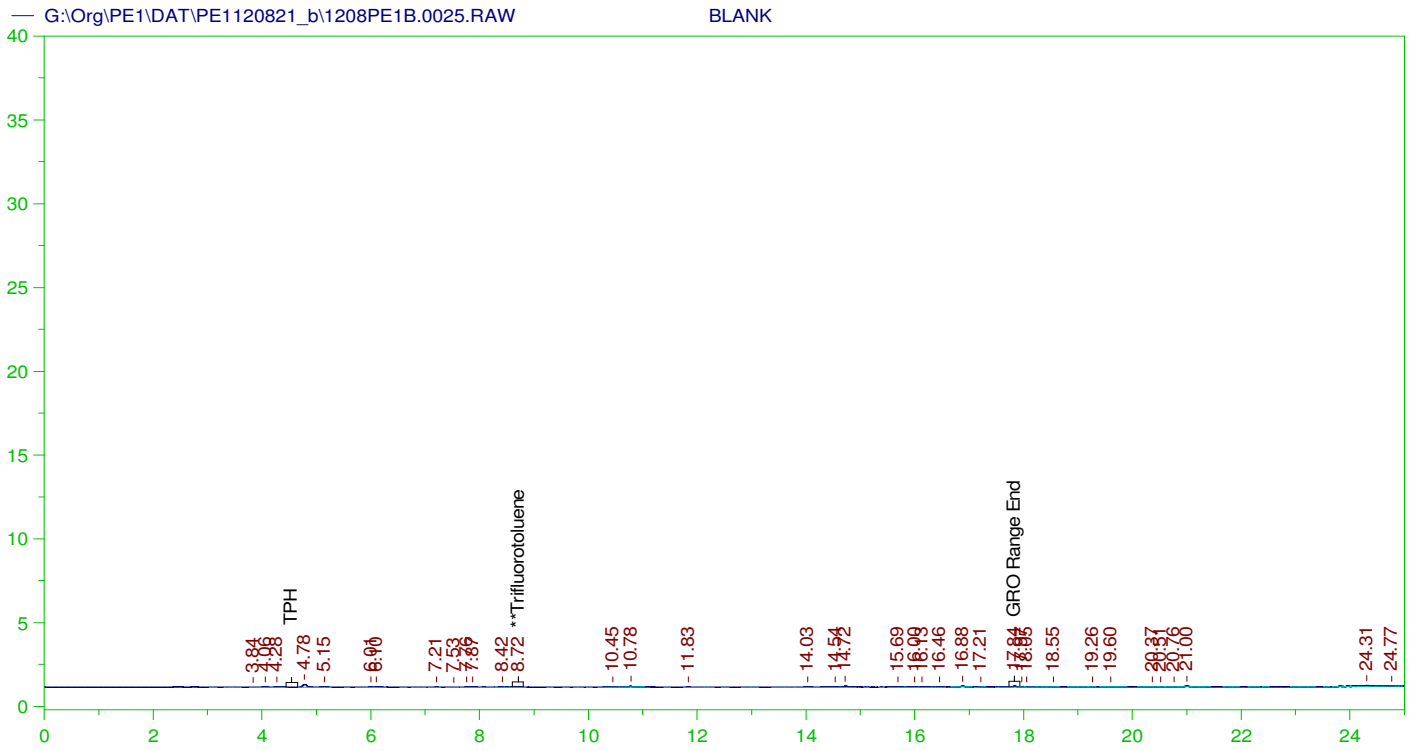
**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0024.RAW
Date & Time Acquired: 12/8/2021 11:49:21 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.709 | 125. | .078 | .06 | - |

GRO Area:5165.113 GRO Amount: 5.460136
TPH Area:7678.714 TPH Amount: 8.443793



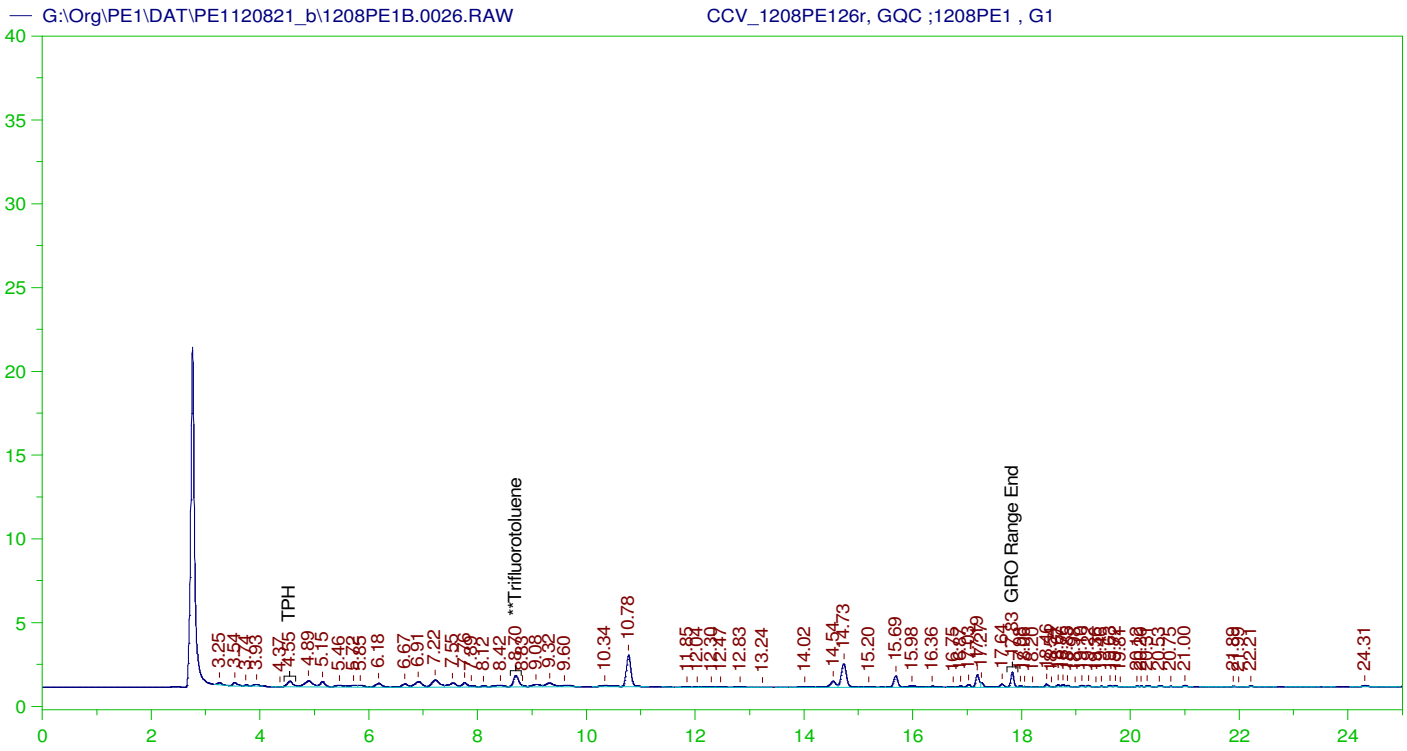

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0025.RAW
Date & Time Acquired: 12/9/2021 12:24:28 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.721 | 125. | .148 | .12 | - |

GRO Area:5271.259 GRO Amount: 5.572345
TPH Area:7787.289 TPH Amount: 8.563187




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV_1208PE126r, GQC ;1208PE1 , G1
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0026.RAW
Date & Time Acquired: 12/9/2021 12:59:27 AM
Method File: G:\Org\PE1\Methods\211208GROG1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

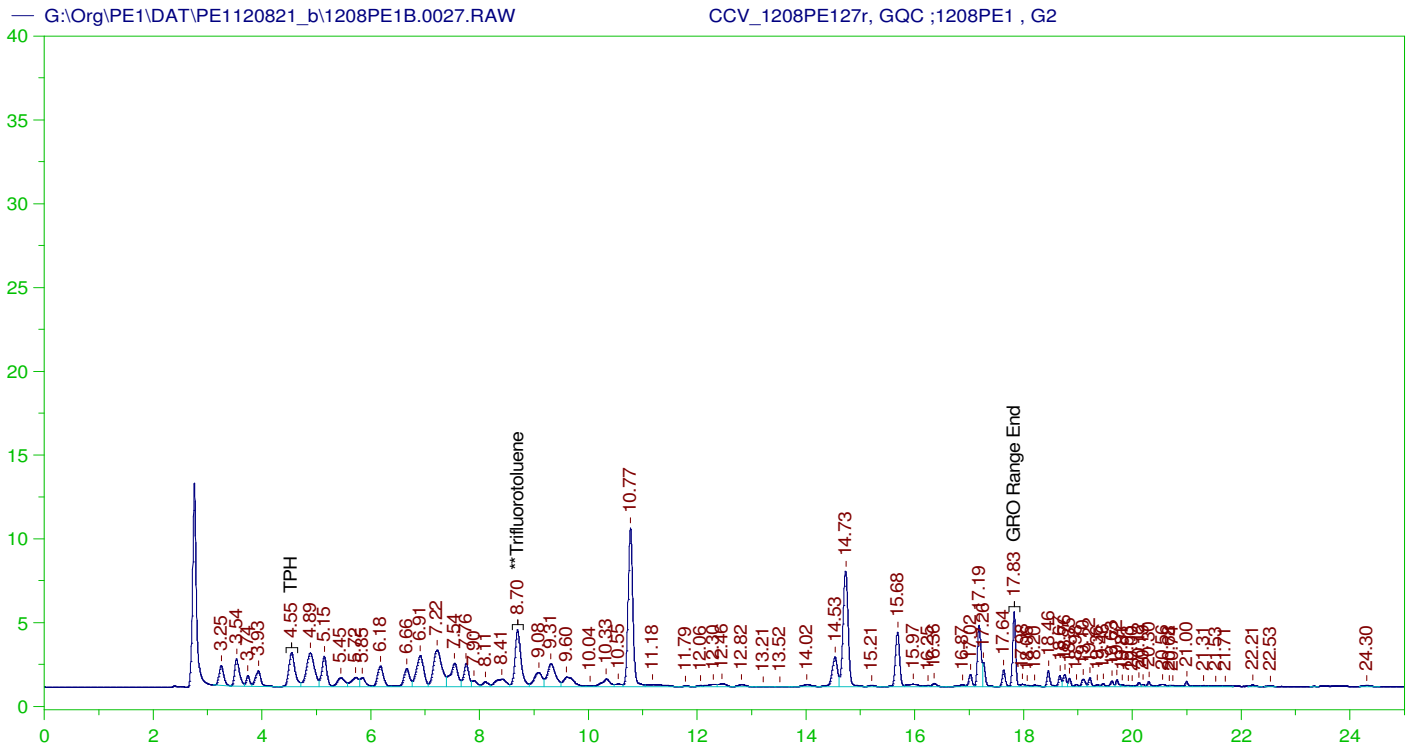
| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.703 | 125. | 5.314 | 4.25 | - |

GRO Area:76315.23 GRO Amount: 80.67424
TPH Area:86143.63 TPH Amount: 94.72668

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0026.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 80.67 | 9.6 | 85-115 |
| TPH | 1000. | 94.73 | 9.47 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.703 | 125. | 5.314 | 4.25 | 85-115 |




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV_1208PE127r, GQC ;1208PE1 , G2
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0027.RAW
Date & Time Acquired: 12/9/2021 1:34:28 AM
Method File: G:\Org\PE1\Methods\211208GROG2B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.701 | 125. | 27.92 | 22.34 | - |

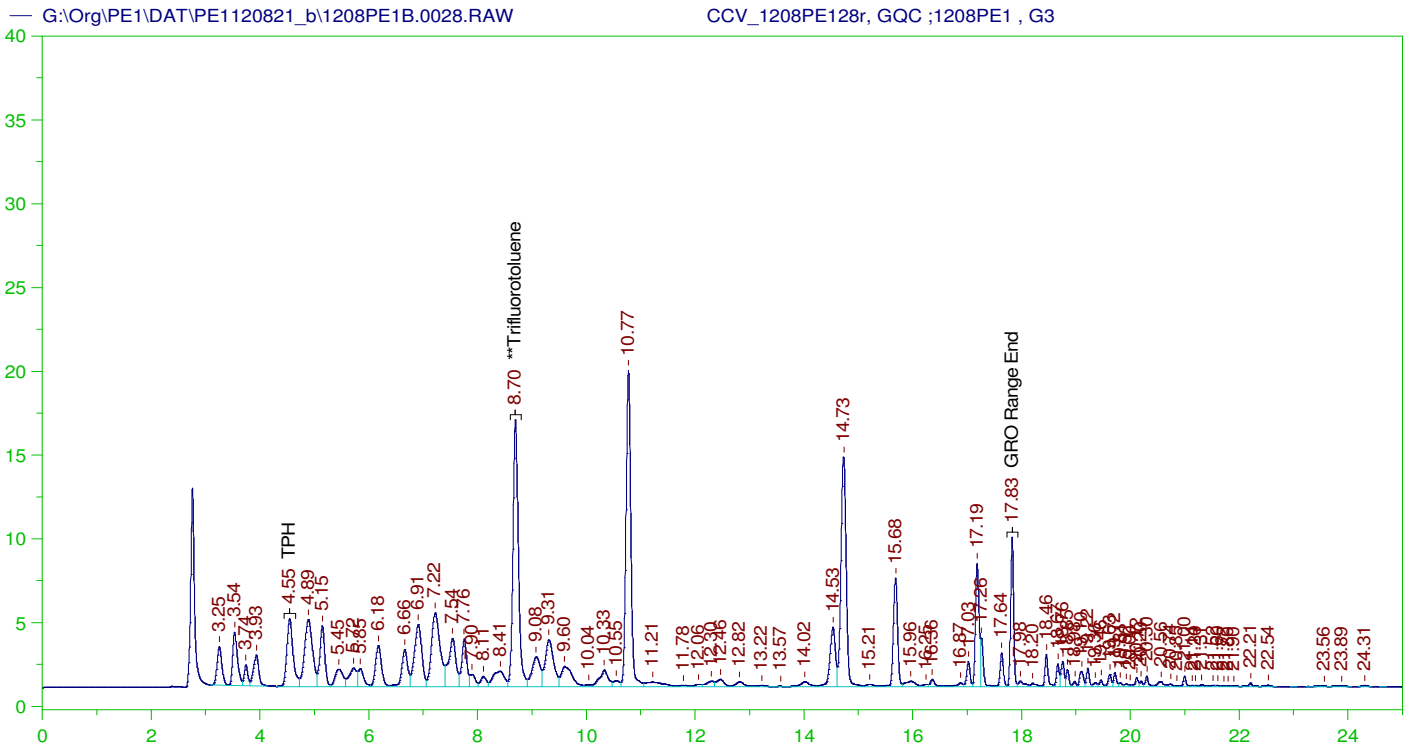
GRO Area:399703.8 GRO Amount: 422.5343
TPH Area:456104.3 TPH Amount: 501.549

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0027.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 422.53 | 50.3 | 85-115 |
| TPH | 1000. | 501.55 | 50.15 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.701 | 125. | 27.92 | 22.34 | 85-115 |

G:\org\PE1\dat\PE1120821_b\Review\027_CCV_1208PE127r_211208GROG2B%.xls




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV_1208PE128r, GQC ;1208PE1 , G3
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0028.RAW
Date & Time Acquired: 12/9/2021 2:09:28 AM
Method File: G:\Org\PE1\Methods\211208GROG3B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

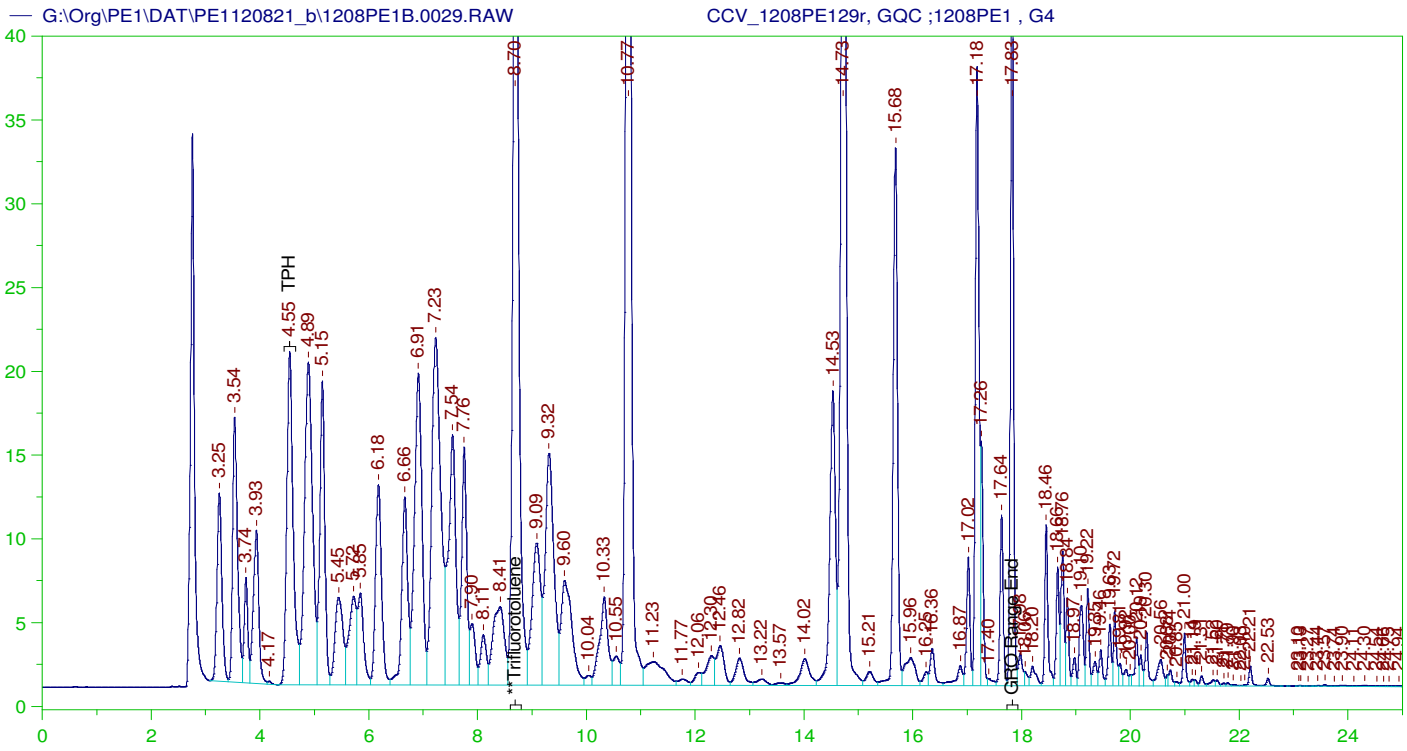
| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.698 | 125. | 117.121 | 93.7 | - |

GRO Area:801082.1 GRO Amount: 846.8386
TPH Area:917985.1 TPH Amount: 1009.45

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0028.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 846.84 | 100.81 | 85-115 |
| TPH | 1000. | 1009.45 | 100.95 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.698 | 125. | 117.121 | 93.7 | 85-115 |




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV_1208PE129r, GQC ;1208PE1 , G4
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0029.RAW
Date & Time Acquired: 12/9/2021 2:44:28 AM
Method File: G:\Org\PE1\Methods\211208GROG4B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

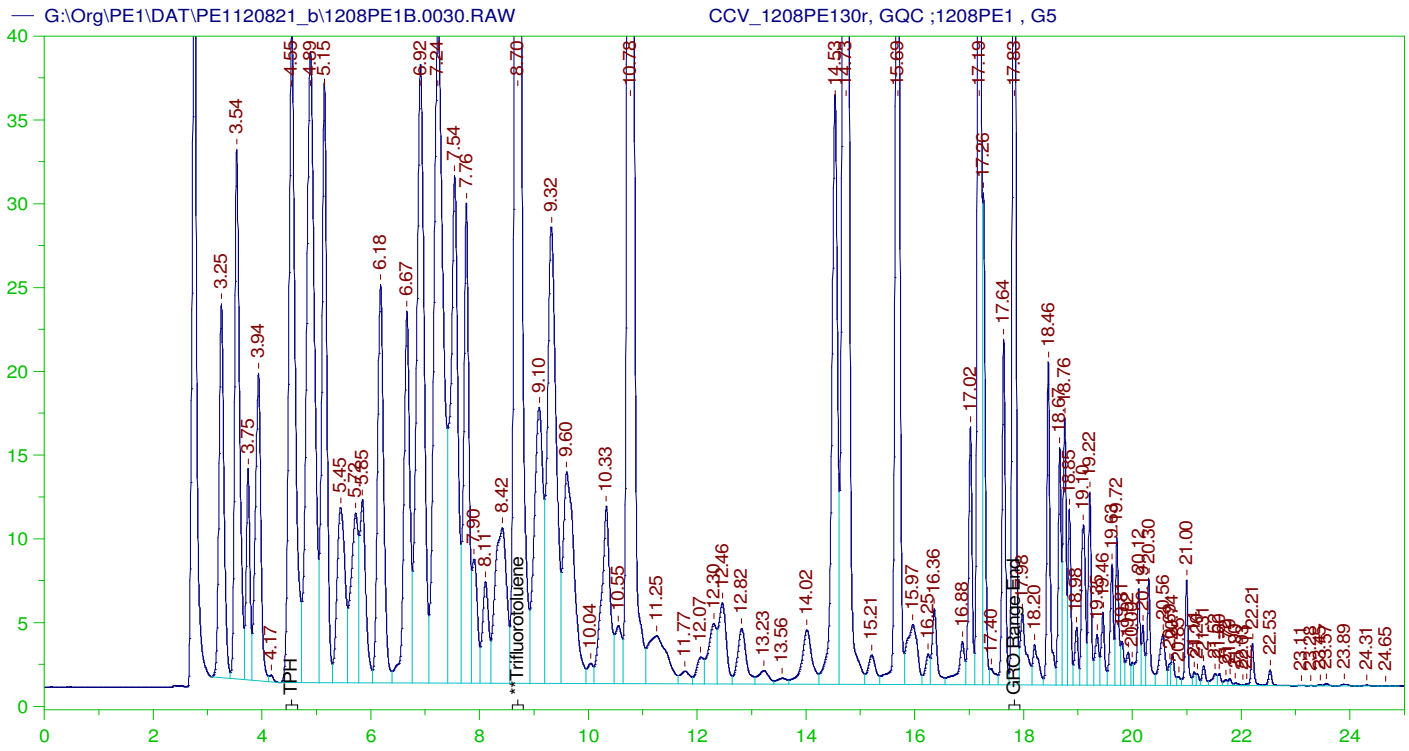
| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.698 | 125. | 466.523 | 373.22 | - |

GRO Area:4016408 GRO Amount: 4245.819
TPH Area:4628599 TPH Amount: 5089.775

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0029.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 4245.82 | 505.45 | 85-115 |
| TPH | 1000. | 5089.78 | 508.98 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.698 | 125. | 466.523 | 373.22 | 85-115 |




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV_1208PE130r, GQC ;1208PE1 , G5
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0030.RAW
Date & Time Acquired: 12/9/2021 3:19:32 AM
Method File: G:\Org\PE1\Methods\211208GROG5B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

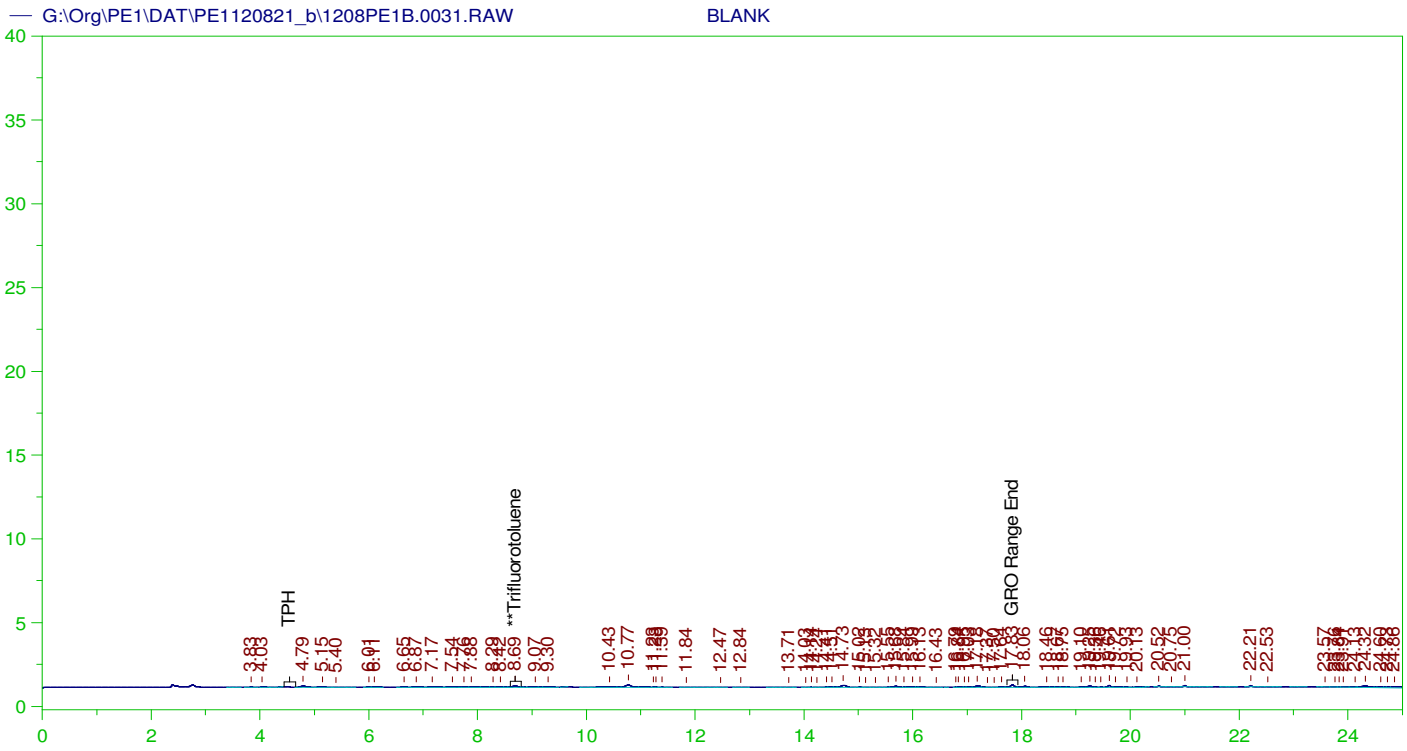
| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.7 | 125. | 950.451 | 760.36 | - |

GRO Area:8061411 GRO Amount: 8521.866
TPH Area:9296078 TPH Amount: 10222.31

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0030.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 8521.87 | 1014.51 | 85-115 |
| TPH | 1000. | 10222.31 | 1022.23 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.7 | 125. | 950.451 | 760.36 | 85-115 |



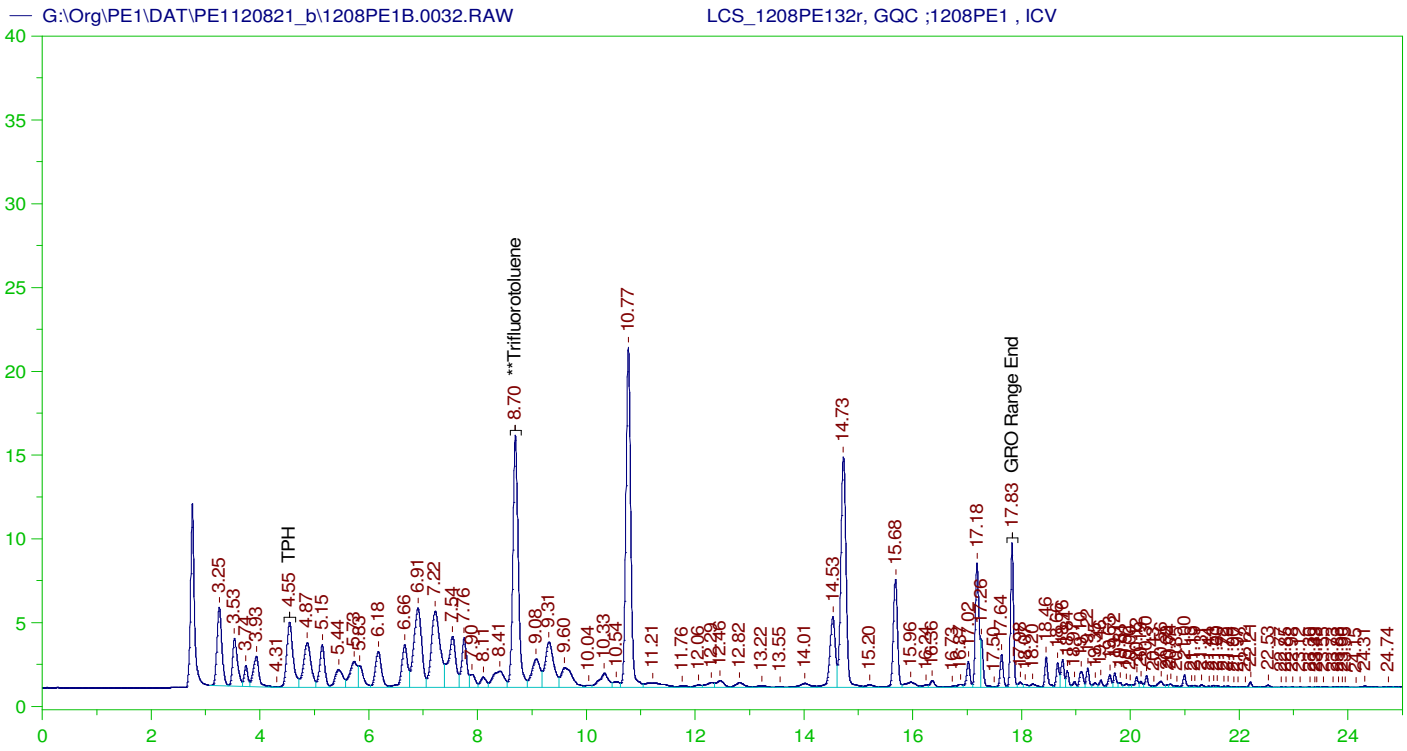

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0031.RAW
Date & Time Acquired: 12/9/2021 3:54:35 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.691 | 125. | .572 | .46 | - |

GRO Area:11585.88 GRO Amount: 12.24764
TPH Area:18600.47 TPH Amount: 20.45375



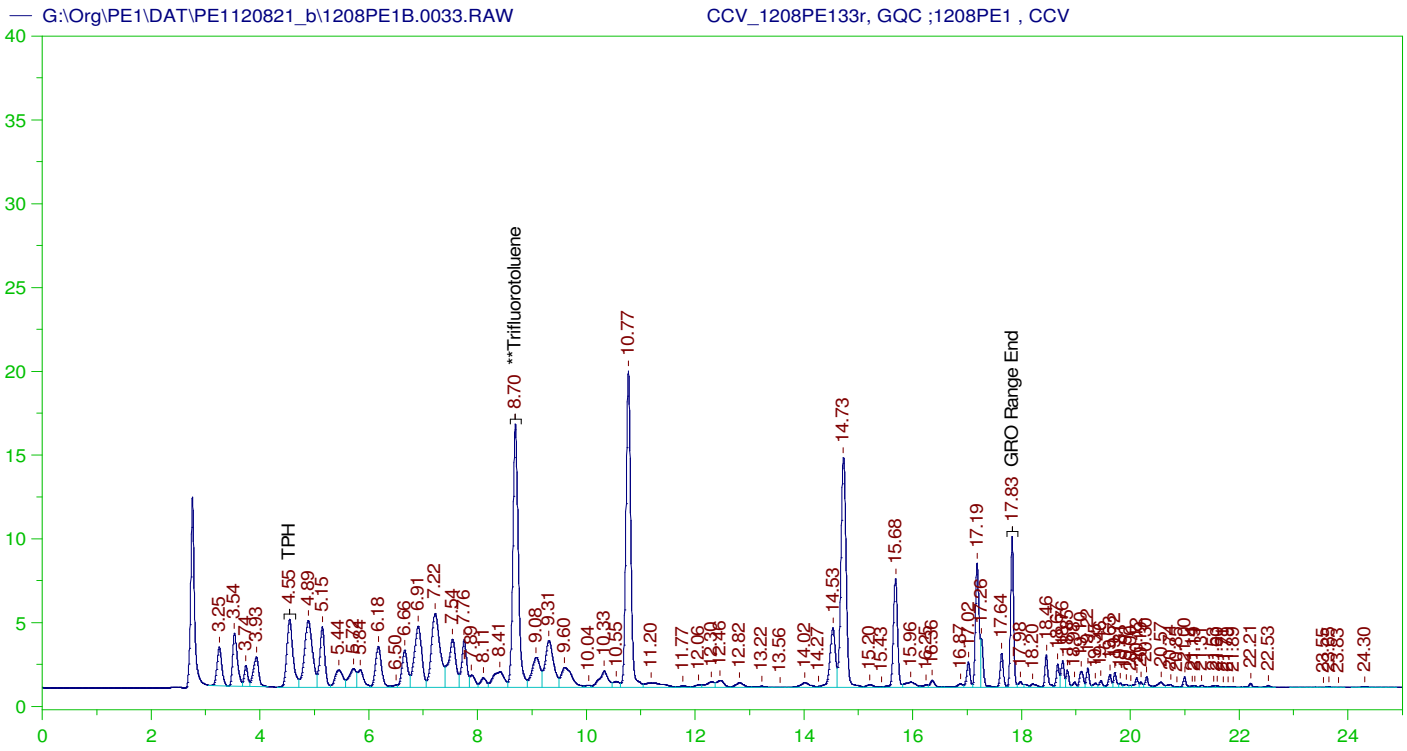

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: LCS_1208PE132r, GQC ;1208PE1 , ICV
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0032.RAW
Date & Time Acquired: 12/9/2021 4:29:41 AM
Method File: G:\Org\PE1\Methods\211208GROICVB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.696 | 25. | 22.1 | 88.4 | - |

GRO Area:806507.1 GRO Amount: 170.5147
TPH Area:947271.2 TPH Amount: 208.3308




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV_1208PE133r, GQC ;1208PE1 , CCV
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0033.RAW
Date & Time Acquired: 12/9/2021 5:04:40 AM
Method File: G:\Org\PE1\Methods\211208GROCCVB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.697 | 125. | 116.009 | 92.81 | - |

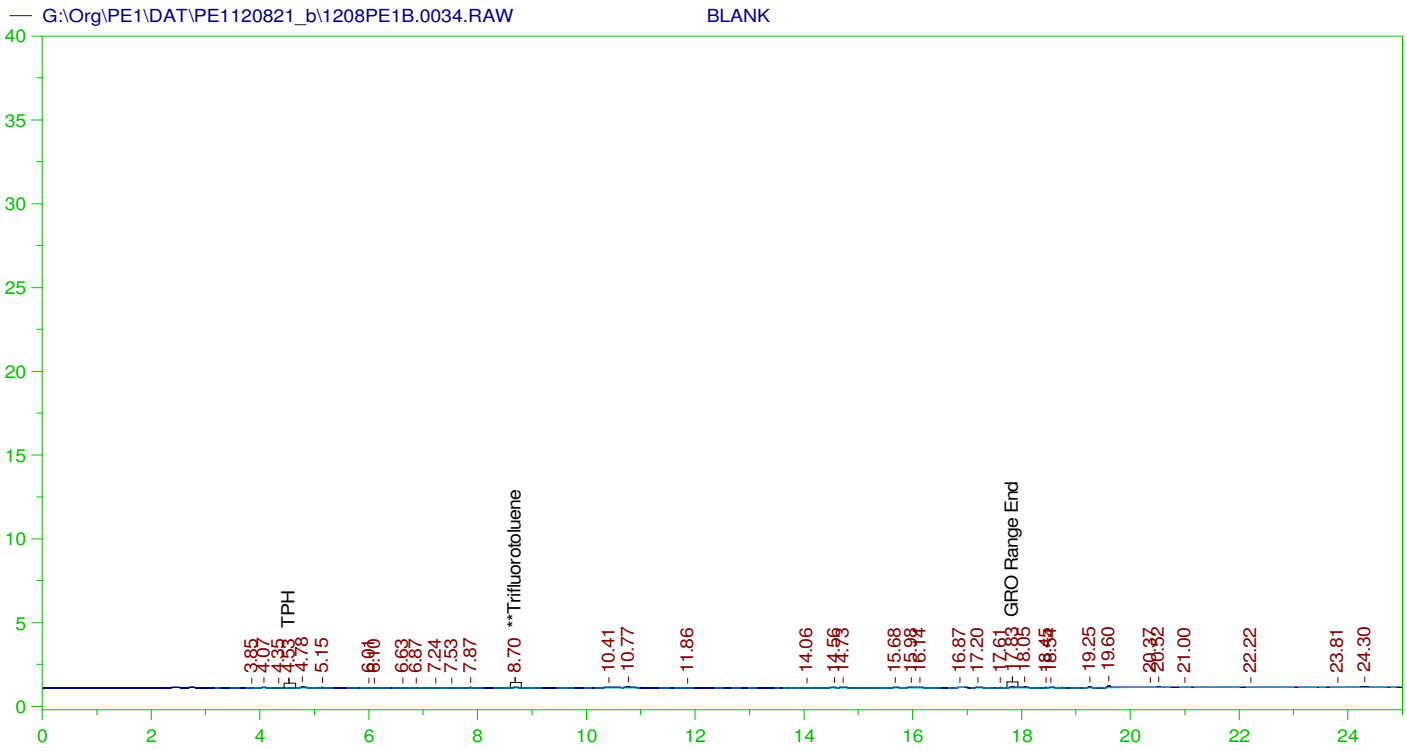
GRO Area:800406.4 GRO Amount: 846.1245
TPH Area:918577.3 TPH Amount: 1010.101

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0033.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 846.12 | 100.73 | 85-115 |
| TPH | 1000. | 1010.1 | 101.01 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.697 | 125. | 116.009 | 92.81 | 85-115 |

G:\org\PE1\dat\PE1120821_b\Review\033_CCV_1208PE133r_211208GROCCVB%.xls




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0034.RAW
Date & Time Acquired: 12/9/2021 5:39:46 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.696 | 125. | .2 | .16 | - |

GRO Area:5202.292 GRO Amount: 5.499439
TPH Area:8381.664 TPH Amount: 9.216784

| Write Sequence<br>Data File | Insert Entries(Have the first cell for entries selecte<br>Sample Name | Method | Weight | Dil Factor | Amt Inj. | IS | Cal ID | Manual Integrations |
|---|---|---|---|---|---|---|---|---|
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.22r | CCV_1208PE122r, GQC ;1208PE1 , 8015 Marker | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.23r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.24r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.25r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.26r | CCV_1208PE126r, GQC ;1208PE1 , G1 | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.27r | CCV_1208PE127r, GQC ;1208PE1 , G2 | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.28r | CCV_1208PE128r, GQC ;1208PE1 , G3 | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.29r | CCV_1208PE129r, GQC ;1208PE1 , G4 | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.30r | CCV_1208PE130r, GQC ;1208PE1 , G5 | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.31r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.32r | LCS_1208PE132r, GQC ;1208PE1 , ICV | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.33r | CCV_1208PE133r, GQC ;1208PE1 , CCV | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1120821_b\1208PE1.34r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |

Chemist

Digitally signed by
Josie Pickard
Date: 2022.01.14 14:30:01 -07:00

# Energy Laboratories Inc

# ANALYTICAL RUN Summary

*17-Feb-22*

**Run ID** PE 1_220111A

| | |
|---|---|
| **Run Start Date:** | 1/11/2022 |
| **Analyst:** | Josie Pickard |
| **Ical:** | 0 |
| **Column ID:** | Rtx-502.2 |
| **Comments:** | Manually added numbers that are above the MDL and below the LOD per QA and client request |

| Std ID | Std Name | Std Amount | Std Units | Samp Amount | Samp Units | SampType | Expiration Date |
|---|---|---|---|---|---|---|---|
| GAS220104 | Unleaded Gasoline Comp. Std.(2.0uL) | 2 | ul | | | CCV | 6/7/2023 |
| GQC201214 | Gasoline Composite Mix (1.68uL) | 1.68 | ul | | | LCS, MS/M | 4/2/2030 |
| GROS200921 | Gro Stock Standard Mt.Gro | 0.84 | ul | | | Marker | 3/28/2029 |
| SHP0292 | VOA 1:1 HCl:H2O Solution | 3 | drops | | | CCV, LCS, | 12/15/2025 |
| TFT220106 | TFT (1.05uL) | 1.05 | ul | | | SURR | 9/10/2029 |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975373 | CCV_0111PE10 | HC-8015-GRO- | SAMP | | 1/11/2022 9:45:5 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 234.6956 | 234.6956 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 234.6956 | 234.6956 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 244.7211 | 244.7211 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Trifluorotoluene | S | ug/L | 20.61136 | 20.61136 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 82% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 234.6956 | 234.6956 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975374 | CCV_0111PE10 | HC-8015-GRO- | CCV | | 1/11/2022 10:20: | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 179.3549 | 179.3549 | | 168 | 0 | 0 | 2.32 | 20 | 0 | 107% | 80 | 120 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 179.3549 | 179.3549 | | 168 | 0 | 0 | 2.32 | 20 | 0 | 107% | 80 | 120 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 215.9 | 215.9 | | 200 | 0 | 0 | 3.56 | 20 | 0 | 108% | 80 | 120 | 0% | |
| Trifluorotoluene | S | ug/L | 23.70138 | 23.70138 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 95% | 80 | 120 | 0% | |
| GRO as Gasoline | X | ug/L | 179.3549 | 179.3549 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

*1*

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975374 | CCV_0111PE10 | HC-8015-GRO- | CCV | | 1/11/2022 10:20: | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975375 | LCS_0111PE10 | HC-8015-GRO- | LCS | | 1/11/2022 10:54: | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 164.195 | 164.195 | | 170 | 0 | 0 | 2.32 | 20 | 0 | 97% | 78 | 122 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 164.195 | 164.195 | | 170 | 0 | 0 | 2.32 | 20 | 0 | 97% | 70 | 130 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 195.4551 | 195.4551 | | 200 | 0 | 0 | 3.56 | 20 | 0 | 98% | 70 | 130 | 0% | |
| Trifluorotoluene | S | ug/L | 22.82875 | 22.82875 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 91% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 164.195 | 164.195 | | 170 | 0 | 0 | 2.32 | 20 | 0 | 97% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975376 | MBLK_0111PE | HC-8015-GRO- | MBLK | | 1/11/2022 11:28: | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 10 | 0 | 0% | 0 | 0 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 10 | 0 | 0% | 0 | 0 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 10 | 0 | 0% | 0 | 0 | 0% | |
| Trifluorotoluene | S | ug/L | 20.48522 | 20.48522 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 82% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 10 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975377 | B22010260-003 | HC-8015-GRO- | SAMP | | 1/11/2022 12:03: | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 19.61655 | 19.61655 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 78% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975378 | B22010338-003 | HC-8015-GRO- | SAMP | | 1/11/2022 12:37: | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 20.34324 | 20.34324 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 81% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975379 | B22010366-004 | HC-8015-GRO- | SAMP | | 1/11/2022 1:45:5 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 20.62341 | 20.62341 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 82% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975380 | B22010369-003 | HC-8015-GRO- | SAMP | | 1/11/2022 2:20:0 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 20.76756 | 20.76756 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 83% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975381 | B22010369-001 | HC-8015-GRO- | SAMP | | 1/11/2022 2:54:1 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 20.40258 | 20.40258 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 82% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975381 | B22010369-001 | HC-8015-GRO- | SAMP | | 1/11/2022 2:54:1 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975382 | B22010369-001 | HC-8015-GRO- | MS | | 1/11/2022 4:02:3 | 1 | R373097 | | 1E+07 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 159.8071 | 159.8071 | | 170 | 0 | 0 | 2.32 | 20 | 0 | 94% | 78 | 122 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 159.8071 | 159.8071 | | 170 | 0 | 0 | 2.32 | 20 | 0 | 94% | 70 | 130 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 191.0968 | 191.0968 | | 200 | 0 | 0 | 3.56 | 20 | 0 | 96% | 70 | 130 | 0% | |
| Trifluorotoluene | S | ug/L | 22.17387 | 22.17387 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 89% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 159.8071 | 159.8071 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975383 | B22010369-001 | HC-8015-GRO- | MSD | | 1/11/2022 4:36:5 | 1 | R373097 | | 1E+07 | 1E+07 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 169.7367 | 169.7367 | | 170 | 0 | 159.8071 | 2.32 | 20 | 0 | 100% | 78 | 122 | 6% | |
| Gasoline Range Organics (GRO) | A | ug/L | 169.7367 | 169.7367 | | 170 | 0 | 159.8071 | 2.32 | 20 | 0 | 100% | 70 | 130 | 6% | |
| Total Purgeable Hydrocarbons | A | ug/L | 202.6283 | 202.6283 | | 200 | 0 | 191.0968 | 3.56 | 20 | 0 | 101% | 70 | 130 | 6% | |
| Trifluorotoluene | S | ug/L | 23.53094 | 23.53094 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 94% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 169.7367 | 169.7367 | | 0 | 0 | 159.8071 | 2.32 | 20 | 0 | 0% | 70 | 130 | 6% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975384 | B22010403-003 | HC-8015-GRO- | SAMP | | 1/11/2022 5:45:2 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 19.03646 | 19.03646 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 76% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975385 | B22010405-003 | HC-8015-GRO- | SAMP | | 1/11/2022 6:19:4 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 20.07762 | 20.07762 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 80% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975386 | B22010406-003 | HC-8015-GRO- | SAMP | | 1/11/2022 6:53:5 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 20.21262 | 20.21262 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 81% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975387 | B22010409-003 | HC-8015-GRO- | SAMP | | 1/11/2022 7:28:0 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 20.41936 | 20.41936 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 82% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975388 | CCV_0111PE12 | HC-8015-GRO- | SAMP | | 1/11/2022 8:36:2 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 232.6072 | 232.6072 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 232.6072 | 232.6072 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 242.5487 | 242.5487 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Trifluorotoluene | S | ug/L | 19.80957 | 19.80957 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 79% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975388 | CCV_0111PE12 | HC-8015-GRO- | SAMP | | 1/11/2022 8:36:2 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRO as Gasoline | X | ug/L | 232.6072 | 232.6072 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975389 | CCV_0111PE12 | HC-8015-GRO- | CCV | | 1/11/2022 9:10:4 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 174.8301 | 174.8301 | | 168 | 0 | 0 | 2.32 | 20 | 0 | 104% | 80 | 120 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 174.8301 | 174.8301 | | 168 | 0 | 0 | 2.32 | 20 | 0 | 104% | 80 | 120 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 209.7887 | 209.7887 | | 200 | 0 | 0 | 3.56 | 20 | 0 | 105% | 80 | 120 | 0% | |
| Trifluorotoluene | S | ug/L | 23.02144 | 23.02144 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 92% | 80 | 120 | 0% | |
| GRO as Gasoline | X | ug/L | 174.8301 | 174.8301 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975390 | LCS_0111PE12 | HC-8015-GRO- | LCS | | 1/11/2022 9:44:5 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 159.8802 | 159.8802 | | 170 | 0 | 0 | 2.32 | 10 | 0 | 94% | 78 | 122 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 159.8802 | 159.8802 | | 170 | 0 | 0 | 2.32 | 10 | 0 | 94% | 70 | 130 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 190.2658 | 190.2658 | | 200 | 0 | 0 | 3.56 | 10 | 0 | 95% | 70 | 130 | 0% | |
| Trifluorotoluene | S | ug/L | 22.81792 | 22.81792 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 91% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 159.8802 | 159.8802 | | 170 | 0 | 0 | 2.32 | 10 | 0 | 94% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975391 | MBLK_0111PE | HC-8015-GRO- | MBLK | | 1/11/2022 10:19: | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 10 | 0 | 0% | 0 | 0 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 10 | 0 | 0% | 0 | 0 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 2.284539 | 0 | | 0 | 0 | 0 | 3.56 | 10 | 0 | 0% | 0 | 0 | 0% | |
| Trifluorotoluene | S | ug/L | 20.02651 | 20.02651 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 80% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 10 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975392 | B22010260-001 | HC-8015-GRO- | SAMP | | 1/11/2022 10:53: | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 26.19793 | 26.19793 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 26.19793 | 26.19793 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 669.308 | 669.308 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Trifluorotoluene | S | ug/L | 19.86261 | 19.86261 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 79% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 26.19793 | 26.19793 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975393 | B22010338-001 | HC-8015-GRO- | SAMP | | 1/12/2022 12:02: | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 19.70144 | 19.70144 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 79% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975394 | B22010361-001 | HC-8015-GRO- | SAMP | | 1/12/2022 1:10:4 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 19.8562 | 19.8562 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 79% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975395 | B22010366-001 | HC-8015-GRO- | SAMP | | 1/12/2022 2:19:1 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 2.961329 | 2.961329 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | J |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 45.06113 | 45.06113 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Trifluorotoluene | S | ug/L | 20.09991 | 20.09991 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 80% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975395 | B22010366-001 | HC-8015-GRO- | SAMP | | 1/12/2022 2:19:1 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975396 | B22010366-002 | HC-8015-GRO- | SAMP | | 1/12/2022 3:27:3 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 2.386562 | 2.386562 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | J |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 42.84594 | 42.84594 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Trifluorotoluene | S | ug/L | 19.99647 | 19.99647 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 80% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975397 | B22010403-001 | HC-8015-GRO- | SAMP | | 1/12/2022 4:36:0 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 64.95589 | 64.95589 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Trifluorotoluene | S | ug/L | 19.56881 | 19.56881 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 78% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975398 | B22010405-001 | HC-8015-GRO- | SAMP | | 1/12/2022 5:44:4 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 19.21834 | 19.21834 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 77% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975399 | B22010406-001 | HC-8015-GRO- | SAMP | | 1/12/2022 6:18:5 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 19.44905 | 19.44905 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 78% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975400 | B22010409-001 | HC-8015-GRO- | SAMP | | 1/12/2022 6:53:1 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 19.85972 | 19.85972 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 79% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975401 | CCV_0111PE14 | HC-8015-GRO- | SAMP | | 1/12/2022 8:05:5 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 226.8365 | 226.8365 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 226.8365 | 226.8365 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 236.7265 | 236.7265 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Trifluorotoluene | S | ug/L | 19.51831 | 19.51831 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 78% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 226.8365 | 226.8365 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975402 | CCV_0111PE14 | HC-8015-GRO- | CCV | | 1/12/2022 8:39:5 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 167.4748 | 167.4748 | | 168 | 0 | 0 | 2.32 | 20 | 0 | 100% | 80 | 120 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 167.4748 | 167.4748 | | 168 | 0 | 0 | 2.32 | 20 | 0 | 100% | 80 | 120 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 201.124 | 201.124 | | 200 | 0 | 0 | 3.56 | 20 | 0 | 101% | 80 | 120 | 0% | |
| Trifluorotoluene | S | ug/L | 22.71288 | 22.71288 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 91% | 80 | 120 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975402 | CCV_0111PE14 | HC-8015-GRO- | CCV | | 1/12/2022 8:39:5 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRO as Gasoline | X | ug/L | 167.4748 | 167.4748 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975403 | LCS_0111PE14 | HC-8015-GRO- | LCS | | 1/12/2022 9:14:1 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 163.2785 | 163.2785 | | 170 | 0 | 0 | 2.32 | 20 | 0 | 96% | 78 | 122 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 163.2785 | 163.2785 | | 170 | 0 | 0 | 2.32 | 20 | 0 | 96% | 70 | 130 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 194.501 | 194.501 | | 200 | 0 | 0 | 3.56 | 20 | 0 | 97% | 70 | 130 | 0% | |
| Trifluorotoluene | S | ug/L | 22.67025 | 22.67025 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 91% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 163.2785 | 163.2785 | | 170 | 0 | 0 | 2.32 | 20 | 0 | 96% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975404 | MBLK_0111PE | HC-8015-GRO- | MBLK | | 1/12/2022 9:48:2 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 10 | 0 | 0% | 0 | 0 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 10 | 0 | 0% | 0 | 0 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 10 | 0 | 0% | 0 | 0 | 0% | |
| Trifluorotoluene | S | ug/L | 19.83545 | 19.83545 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 79% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 10 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975405 | B22010411-003 | HC-8015-GRO- | SAMP | | 1/12/2022 10:56: | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 19.31662 | 19.31662 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 77% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975406 | B22010413-003 | HC-8015-GRO- | SAMP | | 1/12/2022 11:31: | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 19.88367 | 19.88367 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 80% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975407 | B22010361-003 | HC-8015-GRO- | SAMP | | 1/12/2022 12:05: | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 19.92975 | 19.92975 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 80% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975408 | B22010410-003 | HC-8015-GRO- | SAMP | | 1/12/2022 12:39: | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 20.20395 | 20.20395 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 81% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975409 | B22010410-001 | HC-8015-GRO- | SAMP | | 1/12/2022 1:13:5 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 19.73078 | 19.73078 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 79% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975409 | B22010410-001 | HC-8015-GRO- | SAMP | | 1/12/2022 1:13:5 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975410 | B22010411-001 | HC-8015-GRO- | SAMP | | 1/12/2022 2:22:1 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 4.626271 | 4.626271 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | J |
| Trifluorotoluene | S | ug/L | 20.12201 | 20.12201 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 80% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975411 | B22010413-001 | HC-8015-GRO- | SAMP | | 1/12/2022 3:30:4 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Gasoline Range Organics (GRO) | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Total Purgeable Hydrocarbons | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | U |
| Trifluorotoluene | S | ug/L | 20.25325 | 20.25325 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 81% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 0 | 0 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975412 | B22010413-001 | HC-8015-GRO- | MS | | 1/12/2022 4:39:2 | 1 | R373097 | | 1E+07 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 160.7551 | 160.7551 | | 170 | 0 | 0 | 2.32 | 20 | 0 | 95% | 78 | 122 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 160.7551 | 160.7551 | | 170 | 0 | 0 | 2.32 | 20 | 0 | 95% | 70 | 130 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 191.5347 | 191.5347 | | 200 | 0 | 0 | 3.56 | 20 | 0 | 96% | 70 | 130 | 0% | |
| Trifluorotoluene | S | ug/L | 22.29841 | 22.29841 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 89% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 160.7551 | 160.7551 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 70 | 130 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975413 | B22010413-001 | HC-8015-GRO- | MSD | | 1/12/2022 5:13:4 | 1 | R373097 | | 1E+07 | 1E+07 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 165.7284 | 165.7284 | | 170 | 0 | 160.7551 | 2.32 | 20 | 0 | 97% | 78 | 122 | 3% | |
| Gasoline Range Organics (GRO) | A | ug/L | 165.7284 | 165.7284 | | 170 | 0 | 160.7551 | 2.32 | 20 | 0 | 97% | 70 | 130 | 3% | |
| Total Purgeable Hydrocarbons | A | ug/L | 197.7151 | 197.7151 | | 200 | 0 | 191.5347 | 3.56 | 20 | 0 | 99% | 70 | 130 | 3% | |
| Trifluorotoluene | S | ug/L | 22.93558 | 22.93558 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 92% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 165.7284 | 165.7284 | | 0 | 0 | 160.7551 | 2.32 | 20 | 0 | 0% | 70 | 130 | 3% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975414 | CCV_0111PE15 | HC-8015-GRO- | SAMP | | 1/12/2022 6:22:2 | 1 | R373097 | | 0 | 0 | |

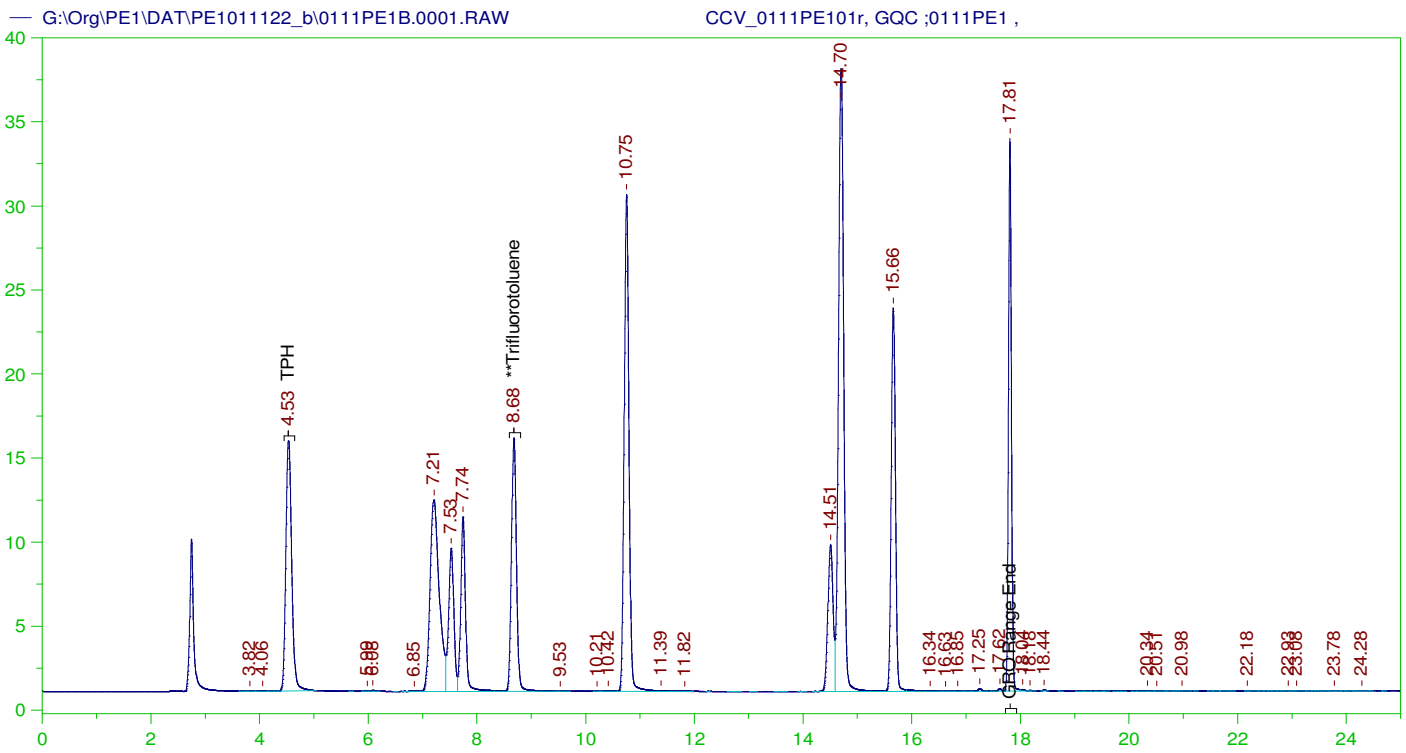
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 232.8857 | 232.8857 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 232.8857 | 232.8857 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 242.7492 | 242.7492 | | 0 | 0 | 0 | 3.56 | 20 | 0 | 0% | 0 | 0 | 0% | |
| Trifluorotoluene | S | ug/L | 19.48663 | 19.48663 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 78% | 70 | 130 | 0% | |
| GRO as Gasoline | X | ug/L | 232.8857 | 232.8857 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14975415 | CCV_0111PE15 | HC-8015-GRO- | CCV | | 1/12/2022 6:56:4 | 1 | R373097 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C6 to C10 | A | ug/L | 182.121 | 182.121 | | 168 | 0 | 0 | 2.32 | 20 | 0 | 108% | 80 | 120 | 0% | |
| Gasoline Range Organics (GRO) | A | ug/L | 182.121 | 182.121 | | 168 | 0 | 0 | 2.32 | 20 | 0 | 108% | 80 | 120 | 0% | |
| Total Purgeable Hydrocarbons | A | ug/L | 218.6869 | 218.6869 | | 200 | 0 | 0 | 3.56 | 20 | 0 | 109% | 80 | 120 | 0% | |
| Trifluorotoluene | S | ug/L | 23.60569 | 23.60569 | | 25 | 0 | 0 | 0.0743 | 1 | 0 | 94% | 80 | 120 | 0% | |
| GRO as Gasoline | X | ug/L | 182.121 | 182.121 | | 0 | 0 | 0 | 2.32 | 20 | 0 | 0% | 0 | 0 | 0% | |

| Write Sequence<br>Data File | Insert Entries(Have the first cell for entries selecte<br>Sample Name | Method | Weight | Dil Factor | Amt Inj. | IS | Cal ID |
|---|---|---|---|---|---|---|---|
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.01r | CCV_0111PE101r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.02r | CCV_0111PE102r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.03r | LCS_0111PE103r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.04r | MBLK_0111PE104r, QC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.05r | B22010260-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.06r | B22010338-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.07r | *B22010361-003A ;0111PE1 , $HC-8015-GRO-W,* | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.08r | B22010366-004A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.09r | B22010369-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.10r | B22010369-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.11r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.12r | B22010369-001GMS, GQC ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.13r | B22010369-001GMSD, GQC ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.14r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.15r | B22010403-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.16r | B22010405-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.17r | B22010406-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.18r | B22010409-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.19r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.20r | CCV_0111PE120r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.21r | CCV_0111PE121r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.22r | LCS_0111PE122r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.23r | MBLK_0111PE123r, QC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.24r | B22010260-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.25r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.26r | B22010338-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.27r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.28r | B22010361-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.29r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.30r | B22010366-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.31r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.32r | B22010366-002D ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.33r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.34r | B22010403-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.35r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.36r | B22010405-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.37r | B22010406-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.38r | B22010409-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.39r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.40r | CCV_0111PE140r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.41r | CCV_0111PE141r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.42r | LCS_0111PE142r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.43r | MBLK_0111PE143r, QC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.44r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.45r | B22010411-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.46r | B22010413-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.47r | B22010361-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.48r | B22010410-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.49r | B22010410-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.50r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.51r | B22010411-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.52r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.53r | B22010413-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.54r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.55r | B22010413-001GMS, GQC ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.56r | B22010413-001GMSD, GQC ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.57r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.58r | CCV_0111PE158r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.59r | CCV_0111PE159r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.60r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 |




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV_0111PE101r, GQC ;0111PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0001.RAW
Date & Time Acquired: 1/11/2022 9:45:54 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.681 | 125. | 103.057 | 82.45 | - |

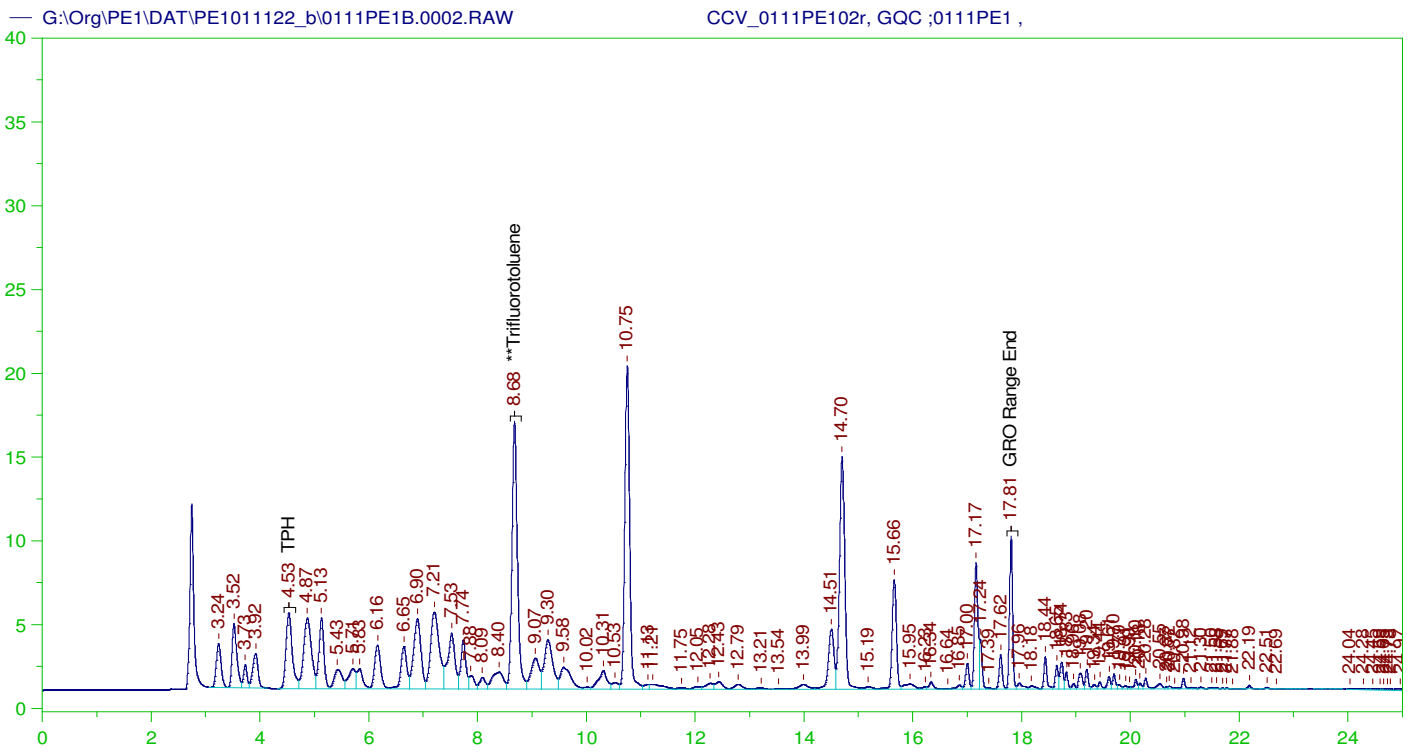
GRO Area:1110073 GRO Amount: 1173.478
TPH Area:1112737 TPH Amount: 1223.606

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0001.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 1173.48 | 139.7 | 85-115 |
| TPH | 1000. | 1223.61 | 122.36 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.681 | 125. | 103.057 | 82.45 | 85-115 |

G:\org\PE1\dat\PE1011122_b\Review\001_CCV_0111PE101r_211208GROB.xls




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV_0111PE102r, GQC ;0111PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0002.RAW
Date & Time Acquired: 1/11/2022 10:20:11 AM
Method File: G:\Org\PE1\Methods\211208GCCV011_02B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

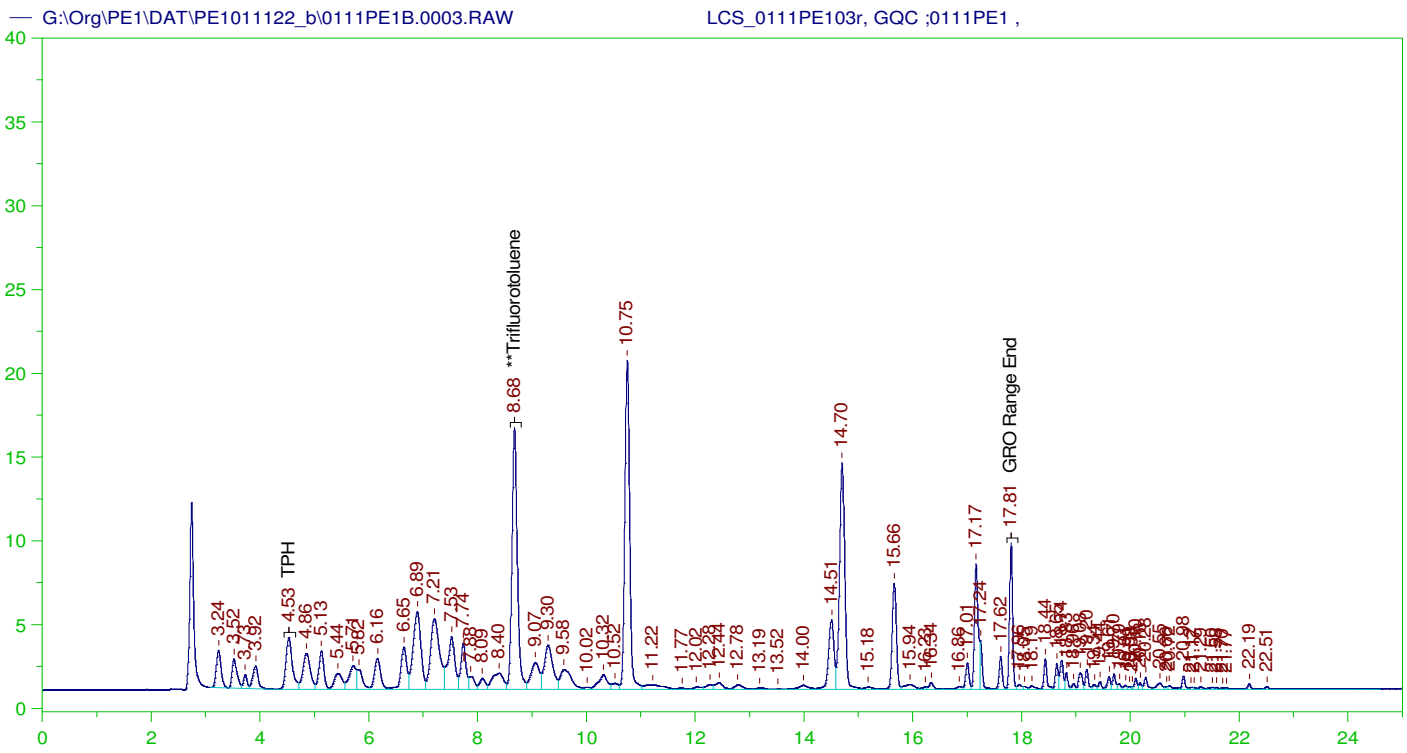
| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.68 | 125. | 118.507 | 94.81 | - |

GRO Area:848319.9 GRO Amount: 896.7746
TPH Area:981688.2 TPH Amount: 1079.5

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0002.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 896.77 | 106.76 | 85-115 |
| TPH | 1000. | 1079.5 | 107.95 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.68 | 125. | 118.507 | 94.81 | 85-115 |



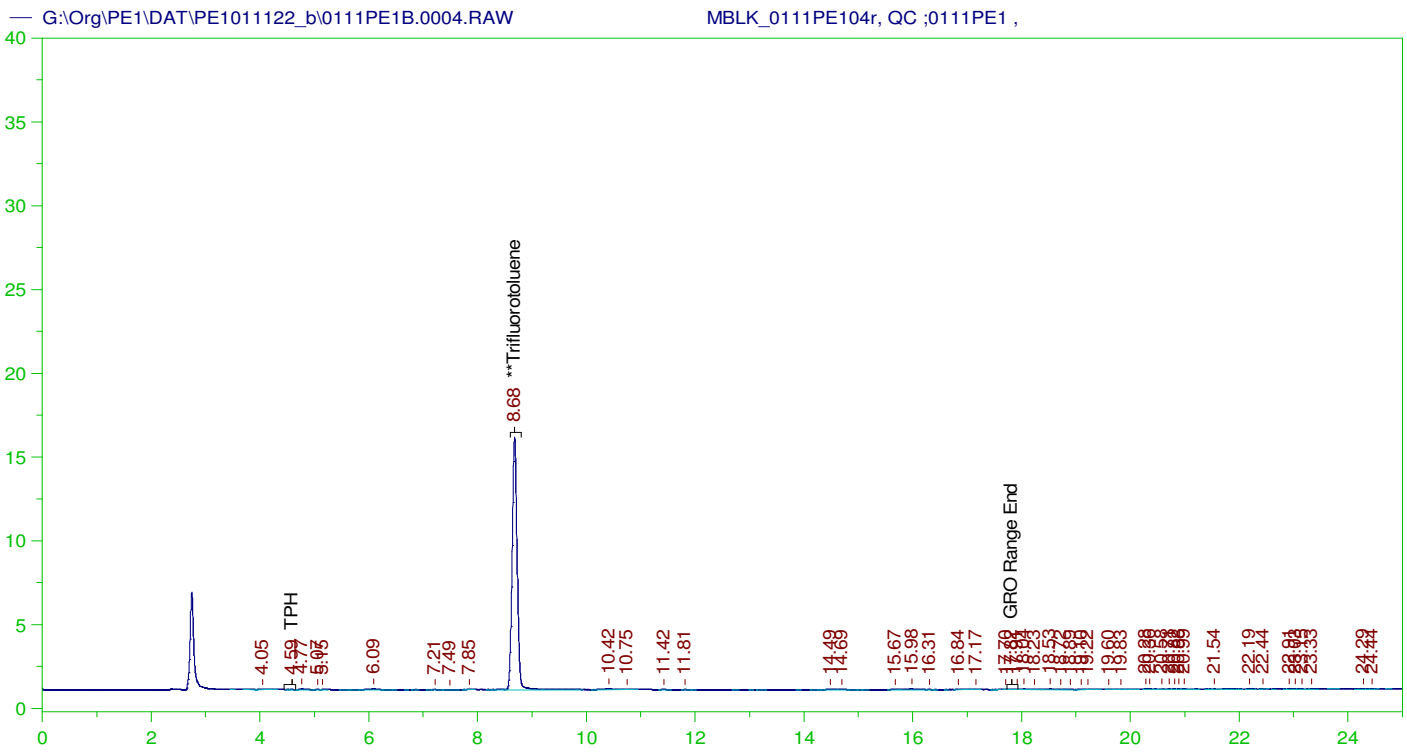

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: LCS_0111PE103r, GQC ;0111PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0003.RAW
Date & Time Acquired: 1/11/2022 10:54:30 AM
Method File: G:\Org\PE1\Methods\211208GLCS0111_03B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.68 | 25. | 22.829 | 91.31 | - |

GRO Area:776616 GRO Amount: 164.195
TPH Area:888726.1 TPH Amount: 195.4551




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: MBLK_0111PE104r, QC ;0111PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0004.RAW
Date & Time Acquired: 1/11/2022 11:28:53 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

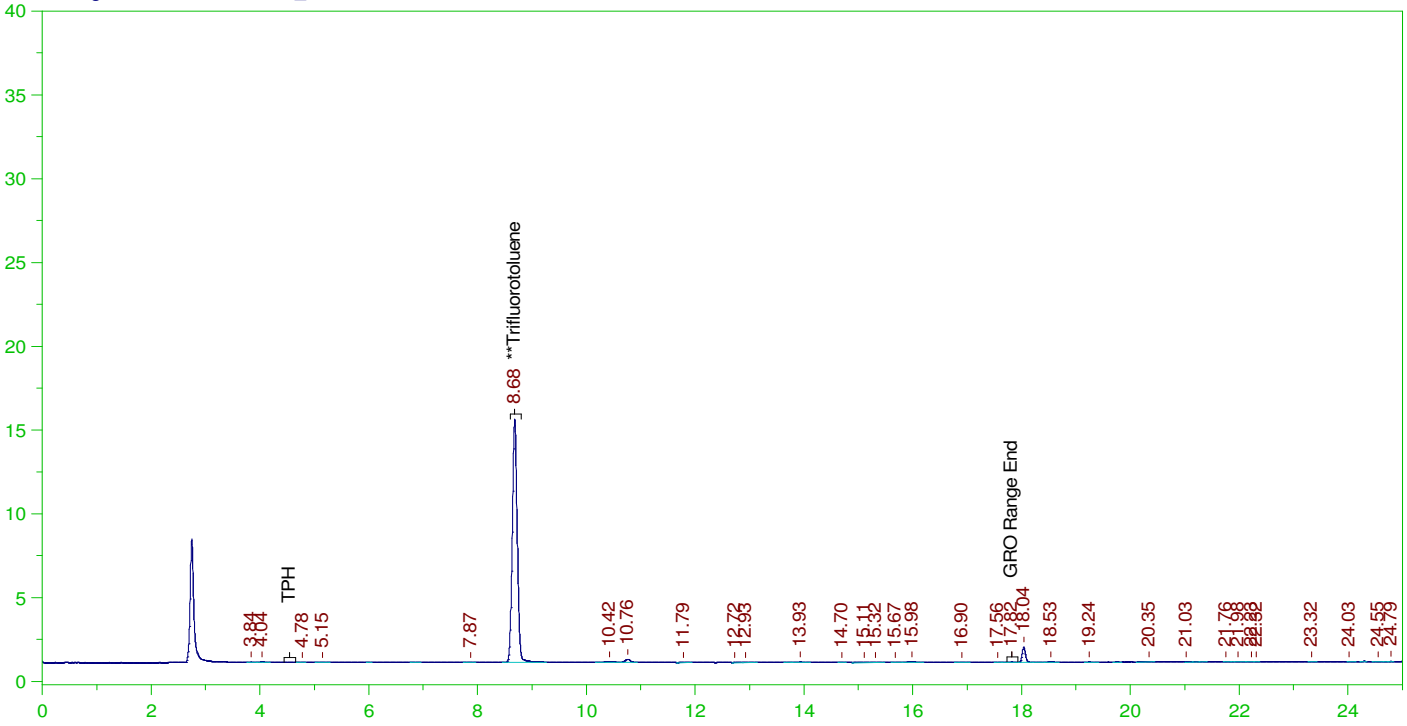
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.681 | 25. | 20.485 | 81.94 | - |

GRO Area:4721.797 GRO Amount: 0.9982998
TPH Area:8394.574 TPH Amount: 1.846196

**ERH2325 (Trip Blank) 14653**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0005.RAW B22010260-003A ;0111PE1 , $HC-8015-GRO-W,




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010260-003A ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0005.RAW
Date & Time Acquired: 1/11/2022 12:03:11 PM
Method File: G:\Org\PE1\Methods\211208G260-3B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

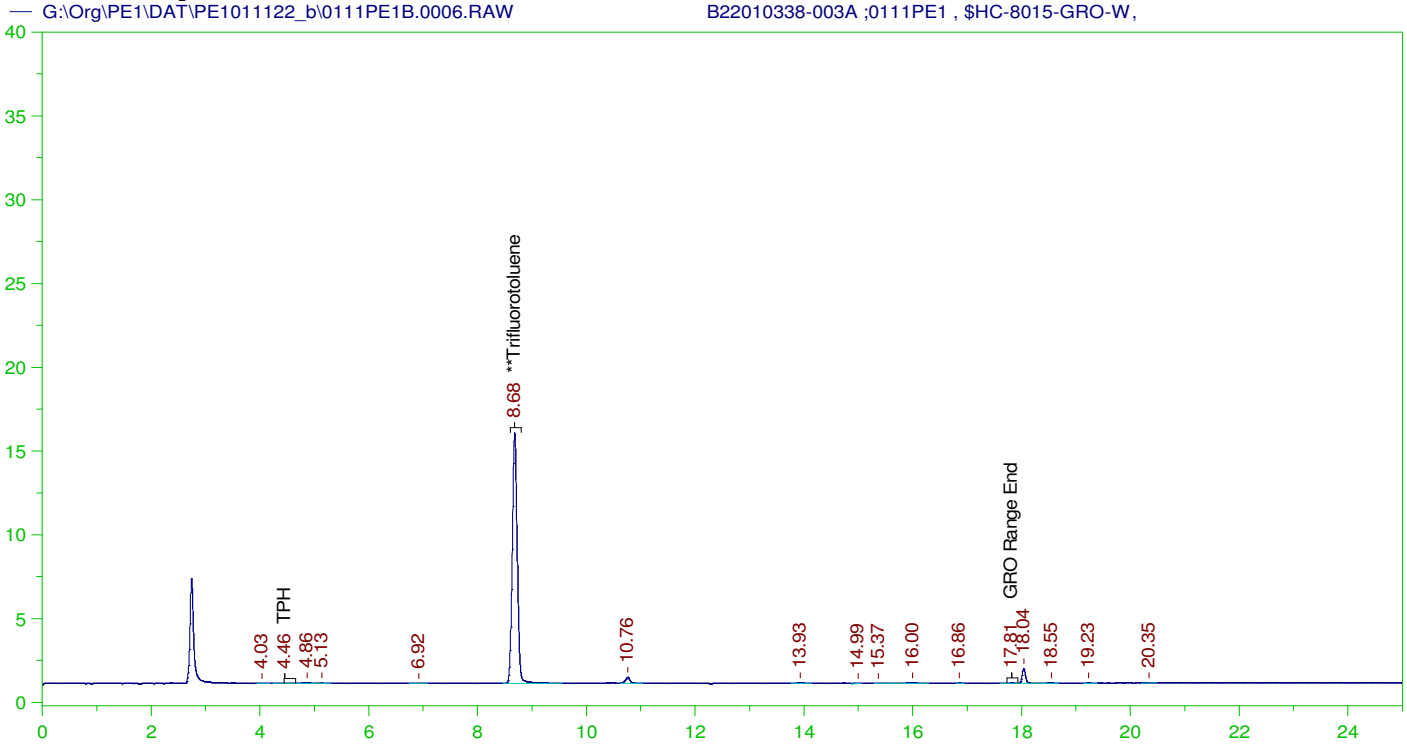
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 25. | 19.617 | 78.47 | - |

GRO Area:4471.118 GRO Amount: 0.9453002
TPH Area:10144.76 TPH Amount: 2.231109

**ERH2363 (Trip Blank) 14653**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0006.RAW B22010338-003A ;0111PE1 , $HC-8015-GRO-W,




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010338-003A ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0006.RAW
Date & Time Acquired: 1/11/2022 12:37:28 PM
Method File: G:\Org\PE1\Methods\211208G338-3B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

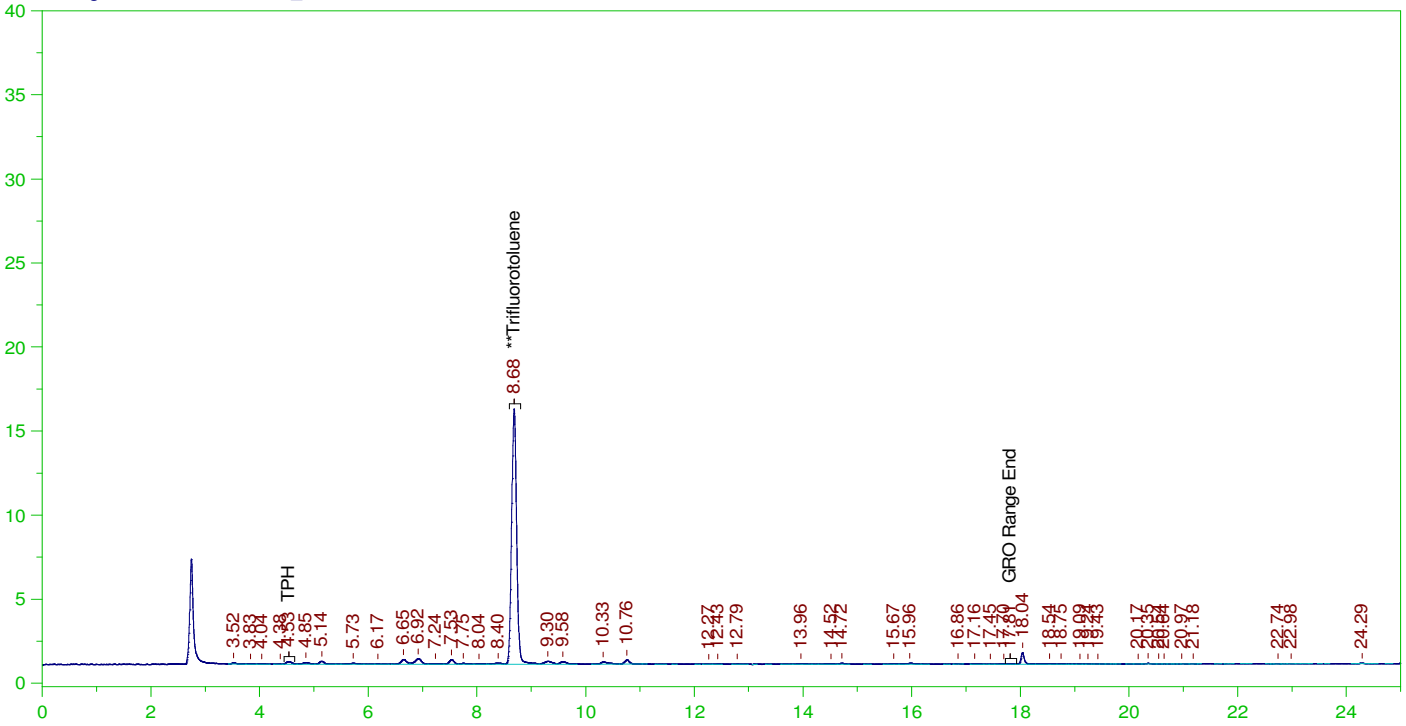
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 25. | 20.343 | 81.37 | - |

GRO Area:5458.781 GRO Amount: 1.154116
TPH Area:9883.036 TPH Amount: 2.173549

**ERH2359 (Trip Blank) 14653**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0007.RAW B22010361-003A ;0111PE1 , $HC-8015-GRO-W,




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010361-003A ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0007.RAW
Date & Time Acquired: 1/11/2022 1:11:45 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

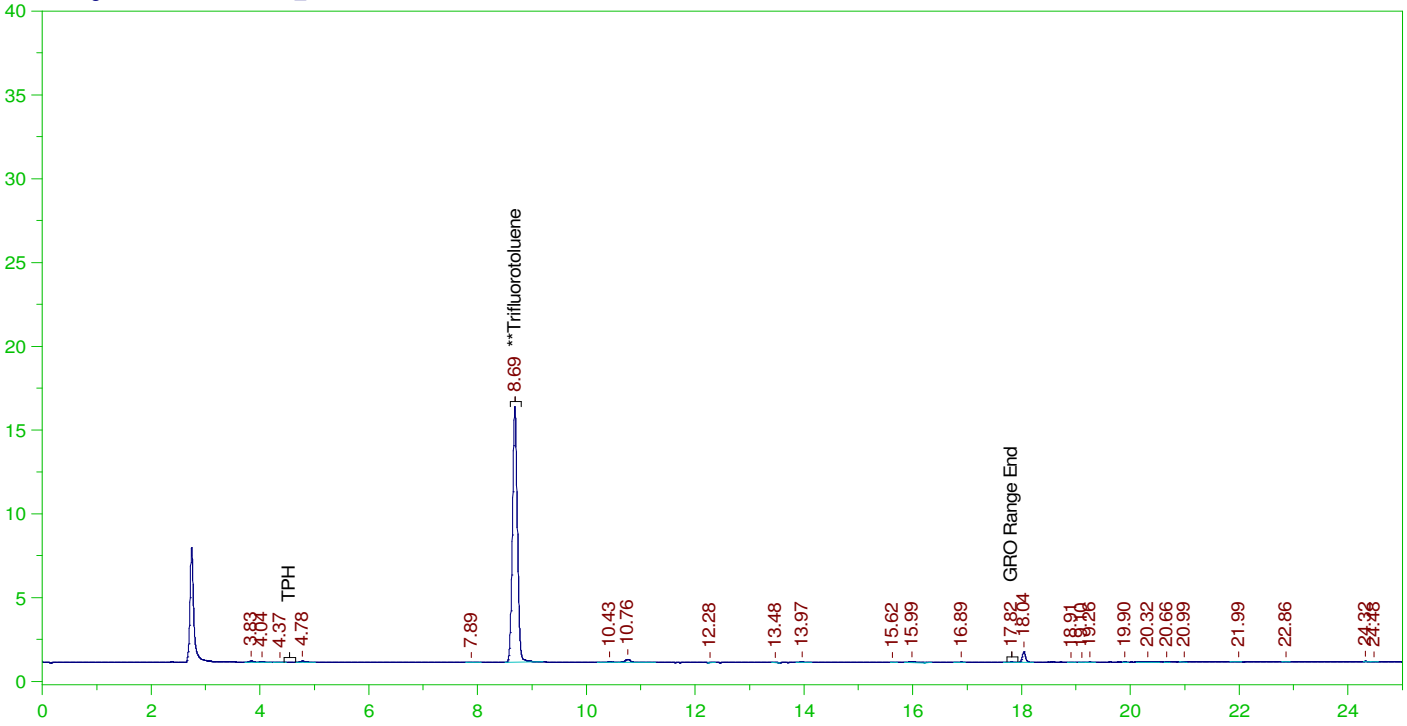
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 25. | 20.669 | 82.68 | - |

GRO Area:21333.21 GRO Amount: 4.510346
TPH Area:27735.42 TPH Amount: 6.099776

**ERH2322 (Trip Blank) 14694**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0008.RAW B22010366-004A ;0111PE1 , $HC-8015-GRO-W,




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010366-004A ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0008.RAW
Date & Time Acquired: 1/11/2022 1:45:57 PM
Method File: G:\Org\PE1\Methods\211208G366-4B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

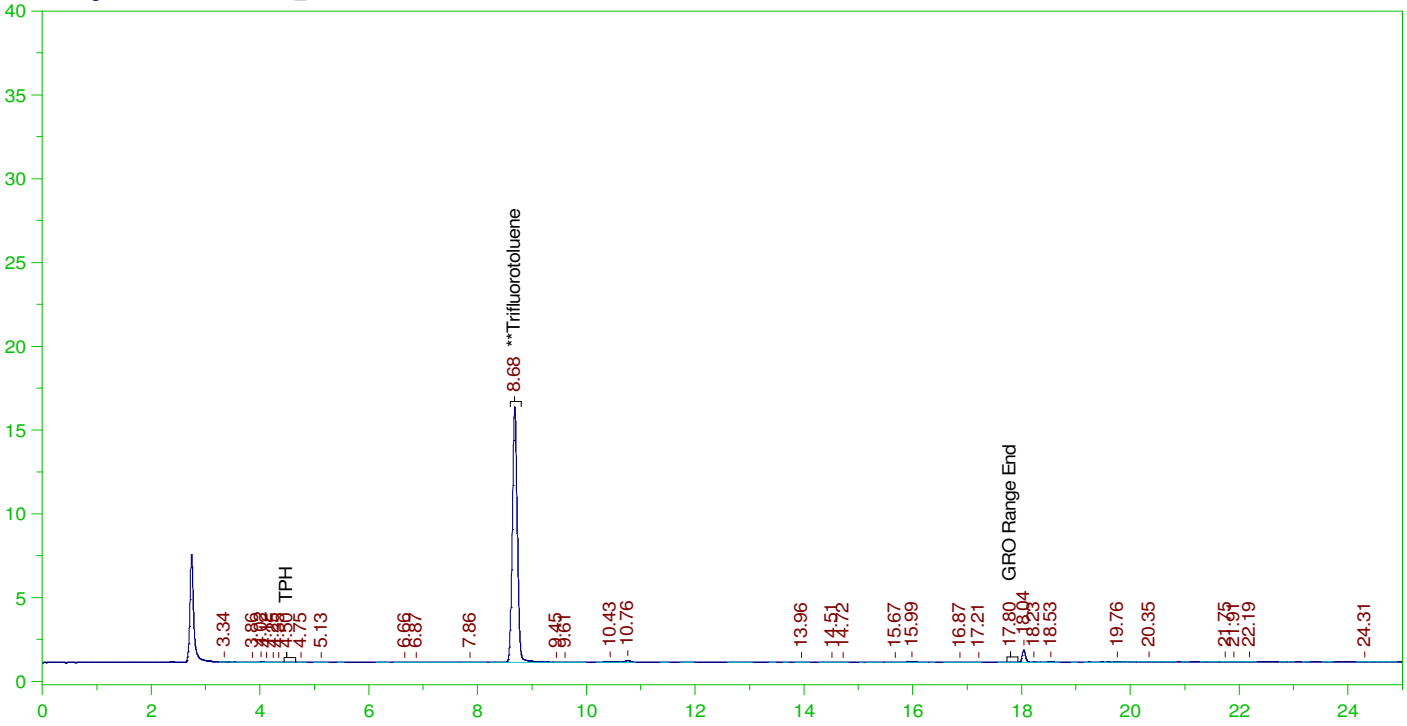
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.687 | 25. | 20.623 | 82.49 | - |

GRO Area:4348.276 GRO Amount: 0.9193287
TPH Area:9080.646 TPH Amount: 1.997082

**ERH2329 (Trip Blank) 14653**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0009.RAW B22010369-003A ;0111PE1 , $HC-8015-GRO-W,




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010369-003A ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0009.RAW
Date & Time Acquired: 1/11/2022 2:20:05 PM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

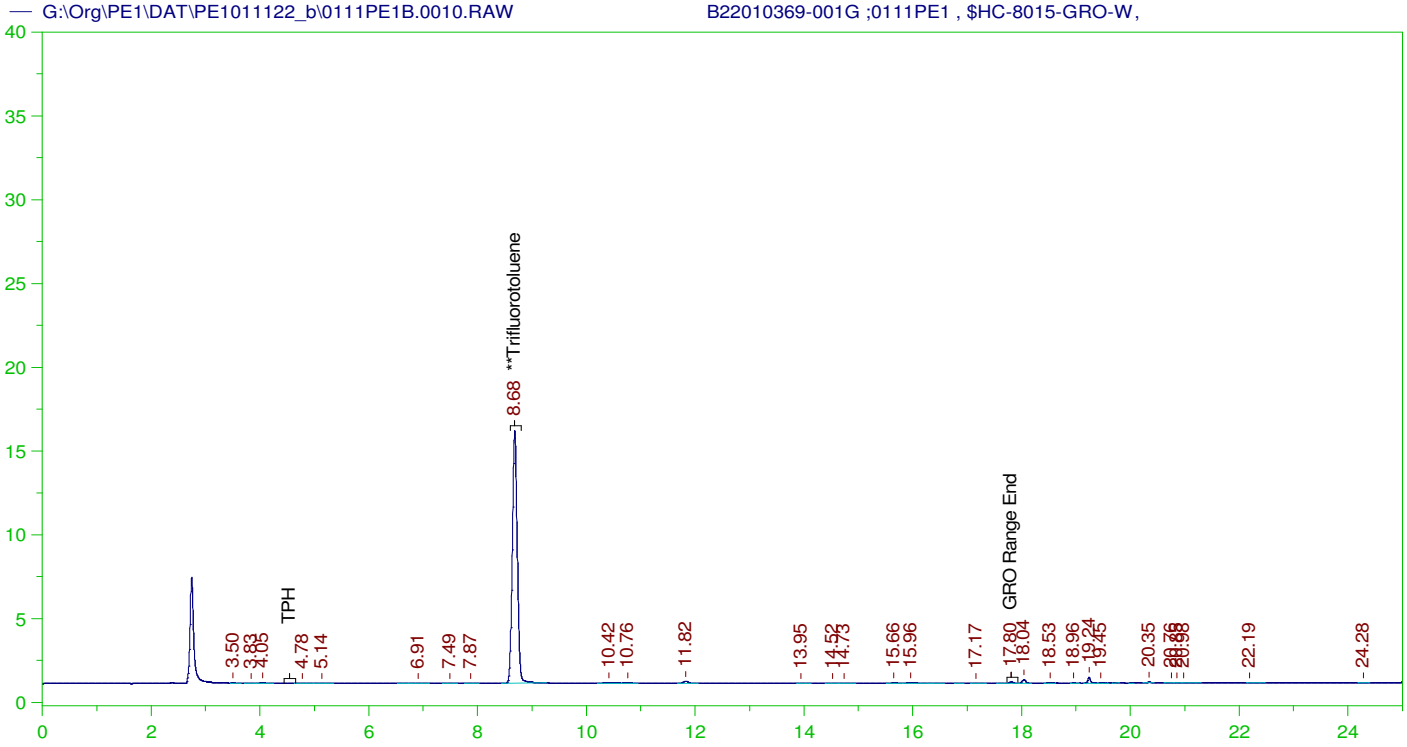
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.685 | 25. | 20.768 | 83.07 | - |

GRO Area:3721.735 GRO Amount: 0.7868629
TPH Area:8893.813 TPH Amount: 1.955992

**ERH2330 (RHMW05 w/MS/MSD vols)**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0010.RAW B22010369-001G ;0111PE1 , $HC-8015-GRO-W,



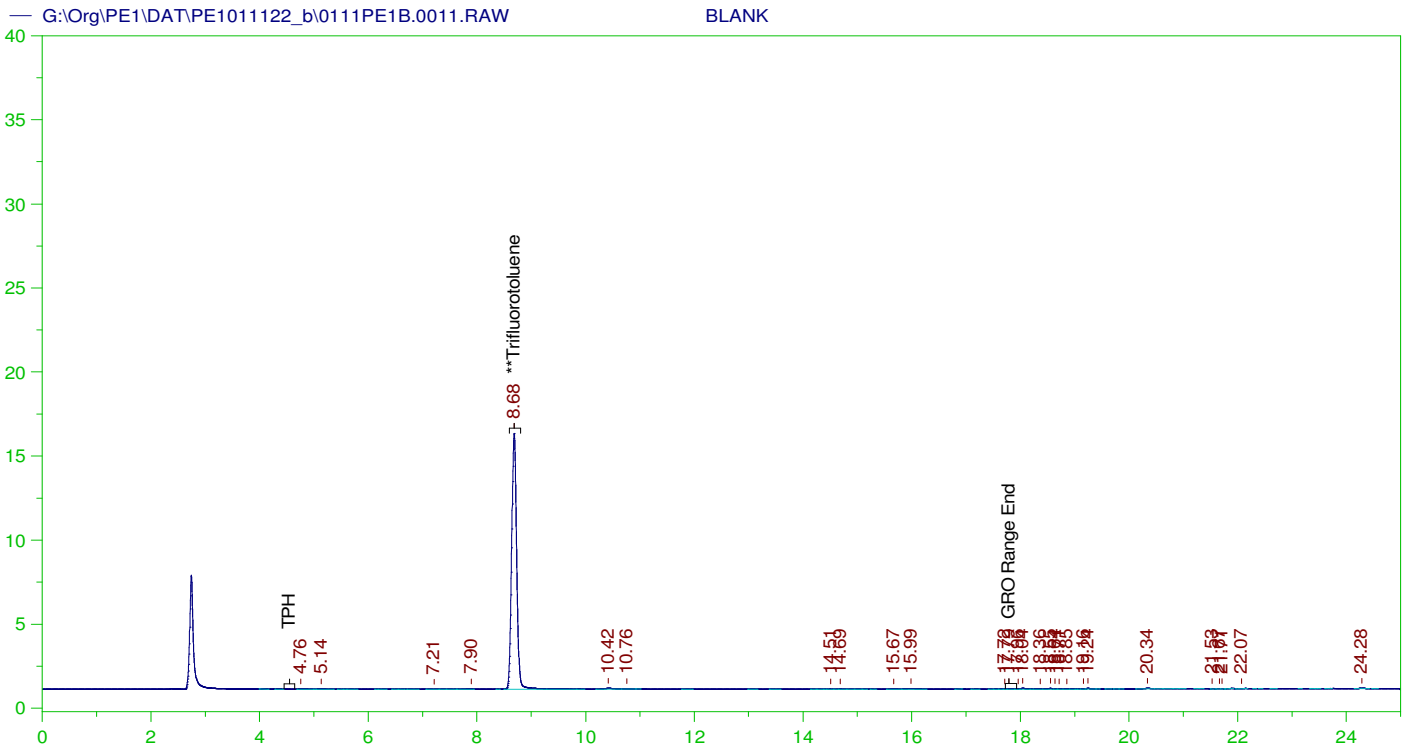

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010369-001G ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0010.RAW
Date & Time Acquired: 1/11/2022 2:54:13 PM
Method File: G:\Org\PE1\Methods\211208G369-1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.685 | 25. | 20.403 | 81.61 | - |

GRO Area:4239.266 GRO Amount: 0.8962814
TPH Area:8124.475 TPH Amount: 1.786794



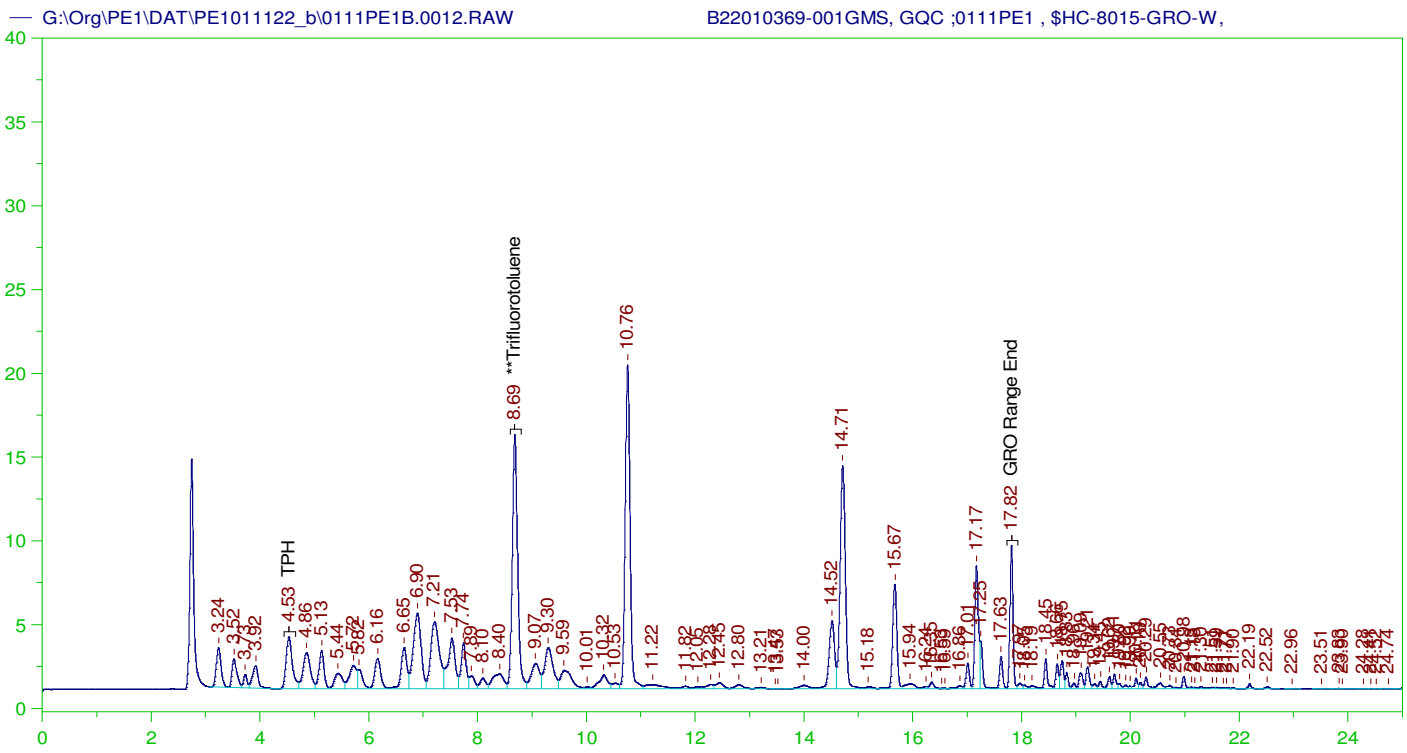

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0011.RAW
Date & Time Acquired: 1/11/2022 3:28:23 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 125. | 103.52 | 82.82 | - |

GRO Area:2969.107 GRO Amount: 3.138697
TPH Area:5413.283 TPH Amount: 5.952643



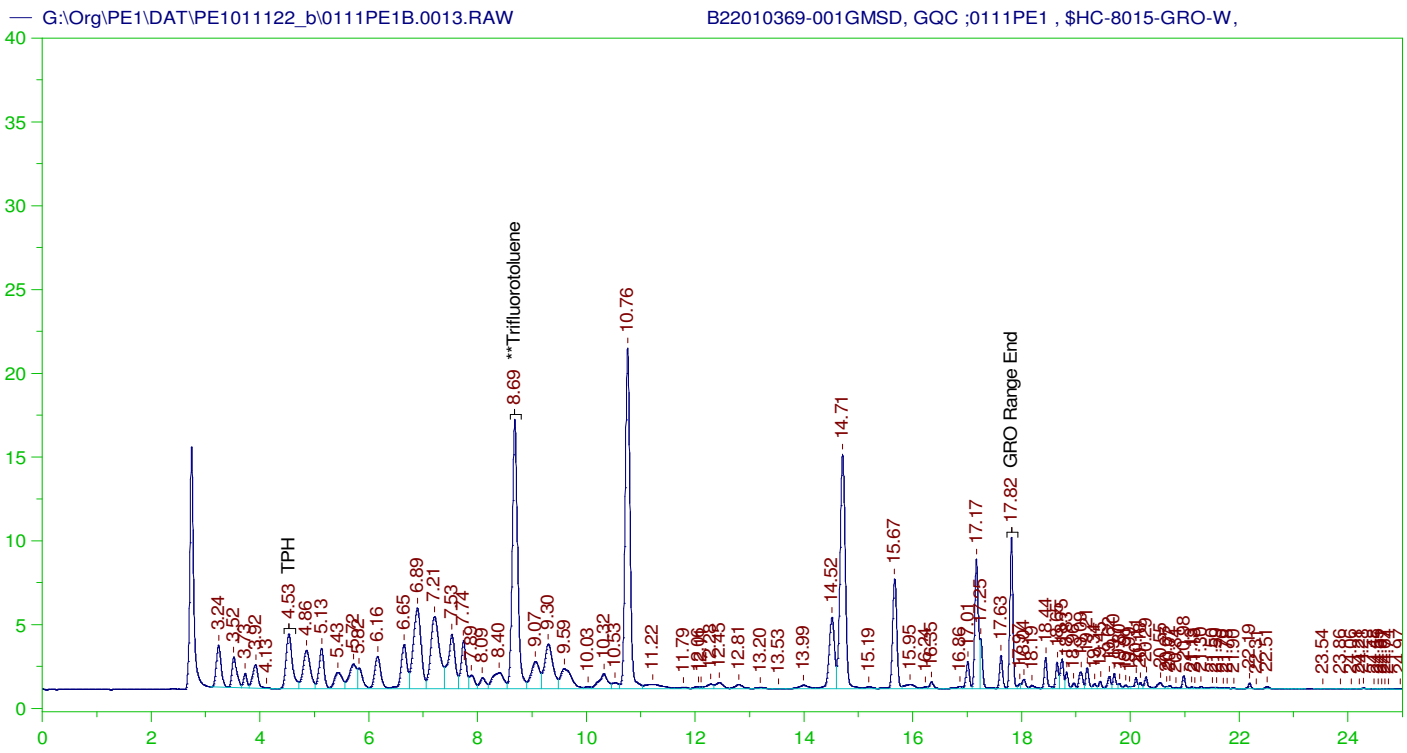

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010369-001GMS, GQC ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0012.RAW
Date & Time Acquired: 1/11/2022 4:02:36 PM
Method File: G:\Org\PE1\Methods\211208G369-1MSB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.686 | 25. | 22.174 | 88.7 | - |

GRO Area:755862 GRO Amount: 159.8071
TPH Area:868909.3 TPH Amount: 191.0968



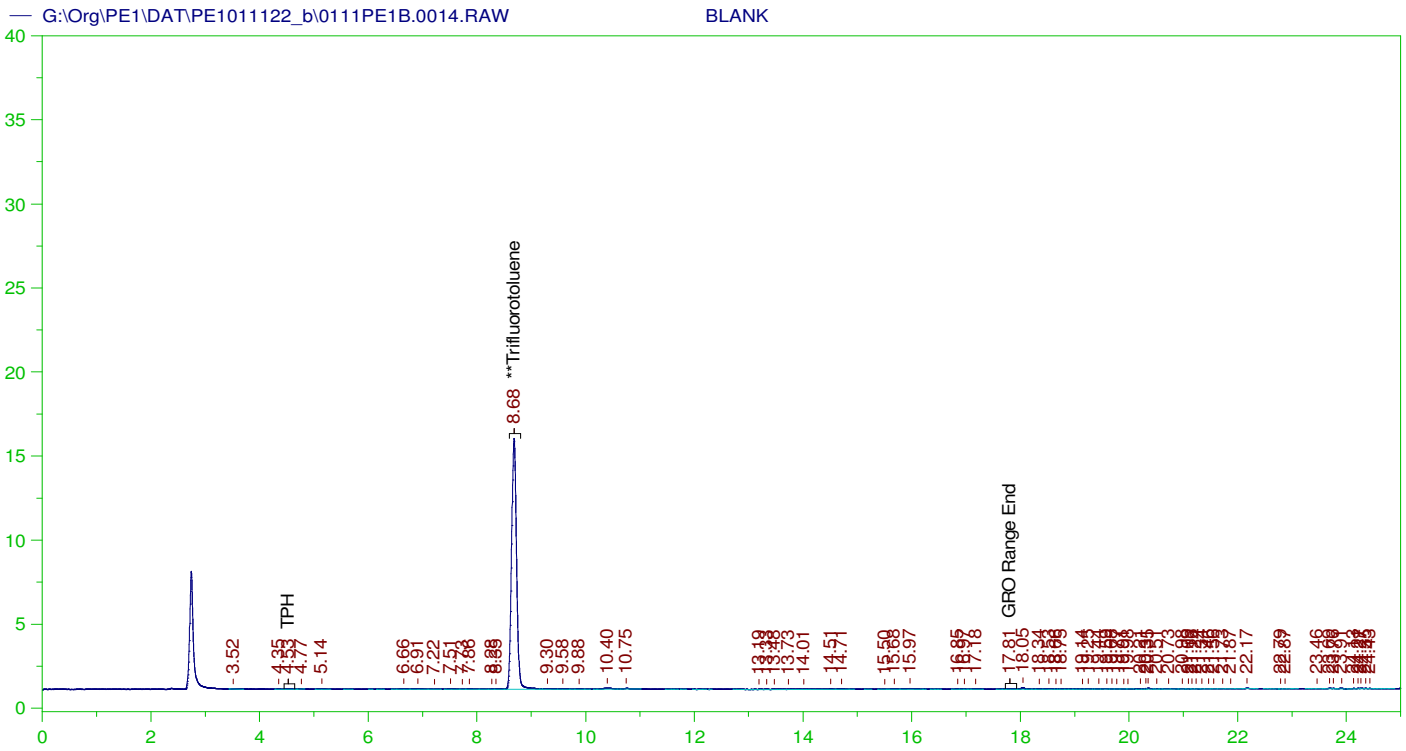

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010369-001GMSD, GQC ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0013.RAW
Date & Time Acquired: 1/11/2022 4:36:52 PM
Method File: G:\Org\PE1\Methods\211208G369-1MSDB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.685 | 25. | 23.531 | 94.12 | - |

GRO Area:802827.1 GRO Amount: 169.7367
TPH Area:921342.4 TPH Amount: 202.6283




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0014.RAW
Date & Time Acquired: 1/11/2022 5:11:07 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

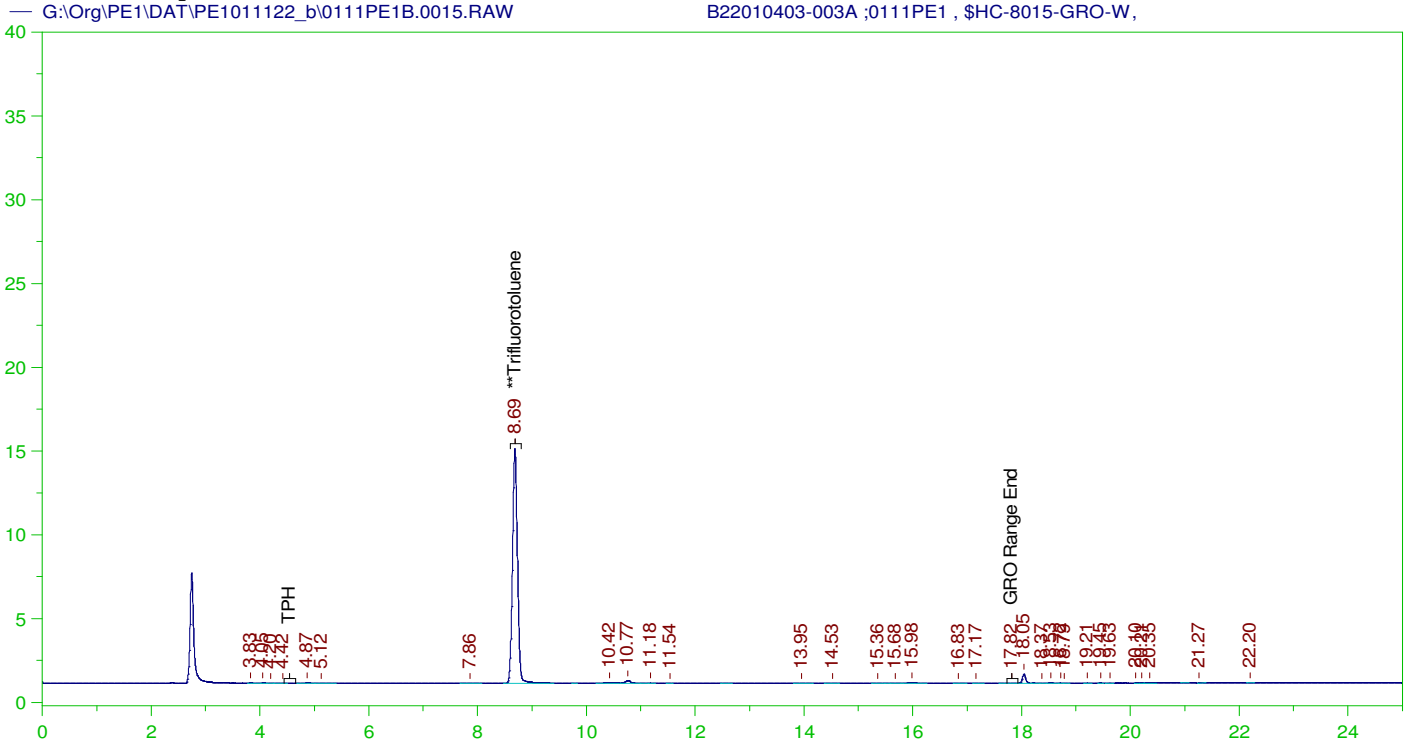
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.683 | 125. | 101.452 | 81.16 | - |

GRO Area:6994.926 GRO Amount: 7.394466
TPH Area:11939.25 TPH Amount: 13.12884

**ERH2341 (Trip Blank) 14653**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0015.RAW B22010403-003A ;0111PE1 , $HC-8015-GRO-W,




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

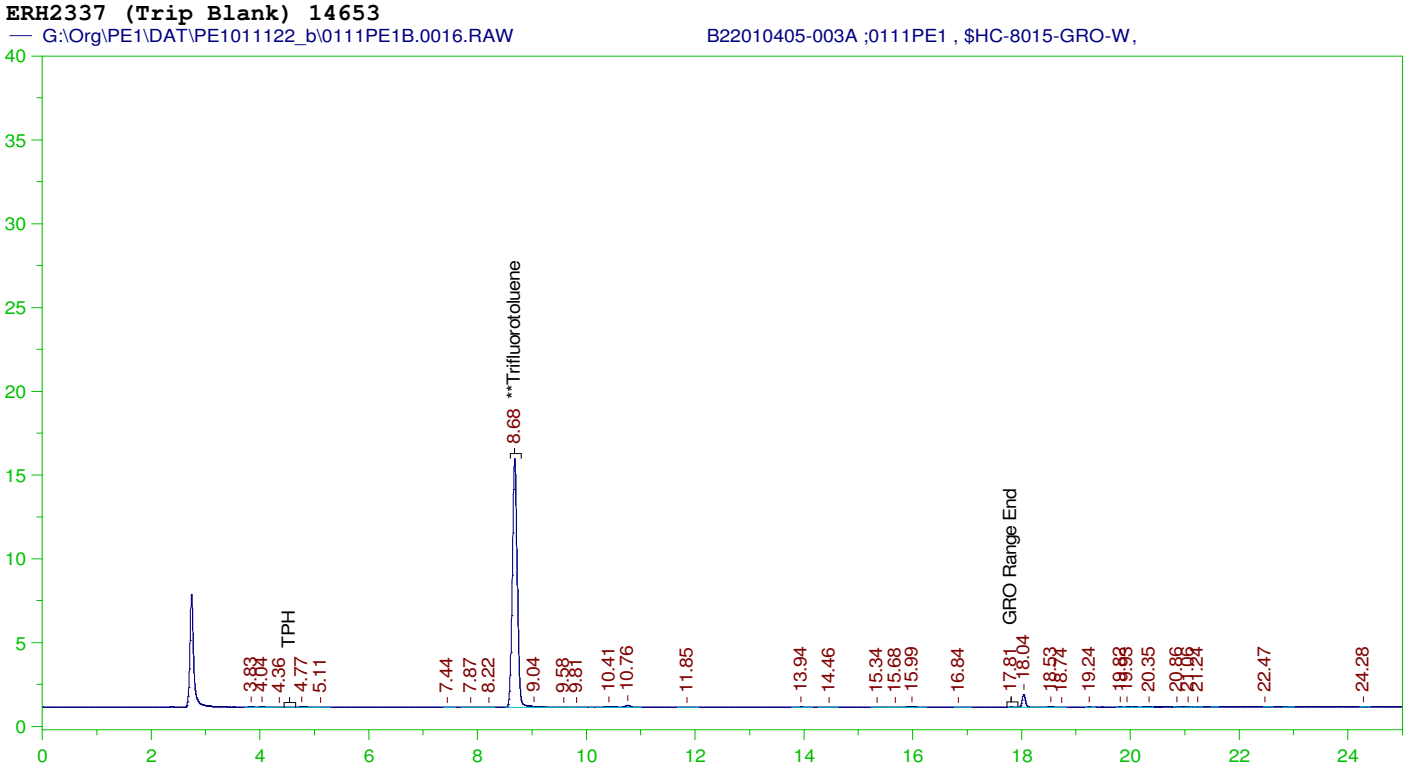
Sample Name: B22010403-003A ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0015.RAW
Date & Time Acquired: 1/11/2022 5:45:23 PM
Method File: G:\Org\PE1\Methods\211208G403-3B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.688 | 25. | 19.036 | 76.15 | - |

GRO Area:4087.32 GRO Amount: 0.8641564
TPH Area:8613.827 TPH Amount: 1.894416

**ERH2337 (Trip Blank) 14653**




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

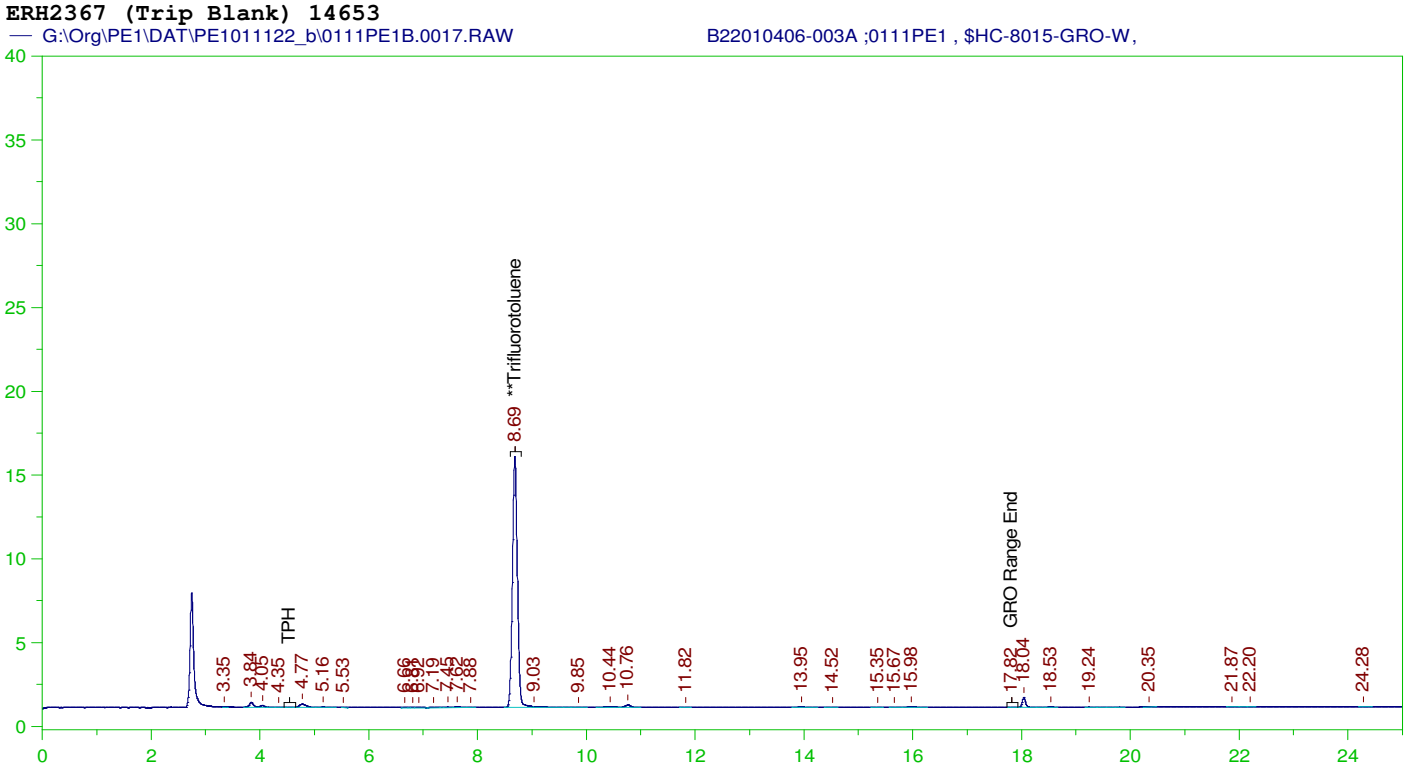
Sample Name: B22010405-003A ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0016.RAW
Date & Time Acquired: 1/11/2022 6:19:40 PM
Method File: G:\Org\PE1\Methods\211208G405-3B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 25. | 20.078 | 80.31 | - |

GRO Area:4860.878 GRO Amount: 1.027705
TPH Area:10364.04 TPH Amount: 2.279335

**ERH2367 (Trip Blank) 14653**




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

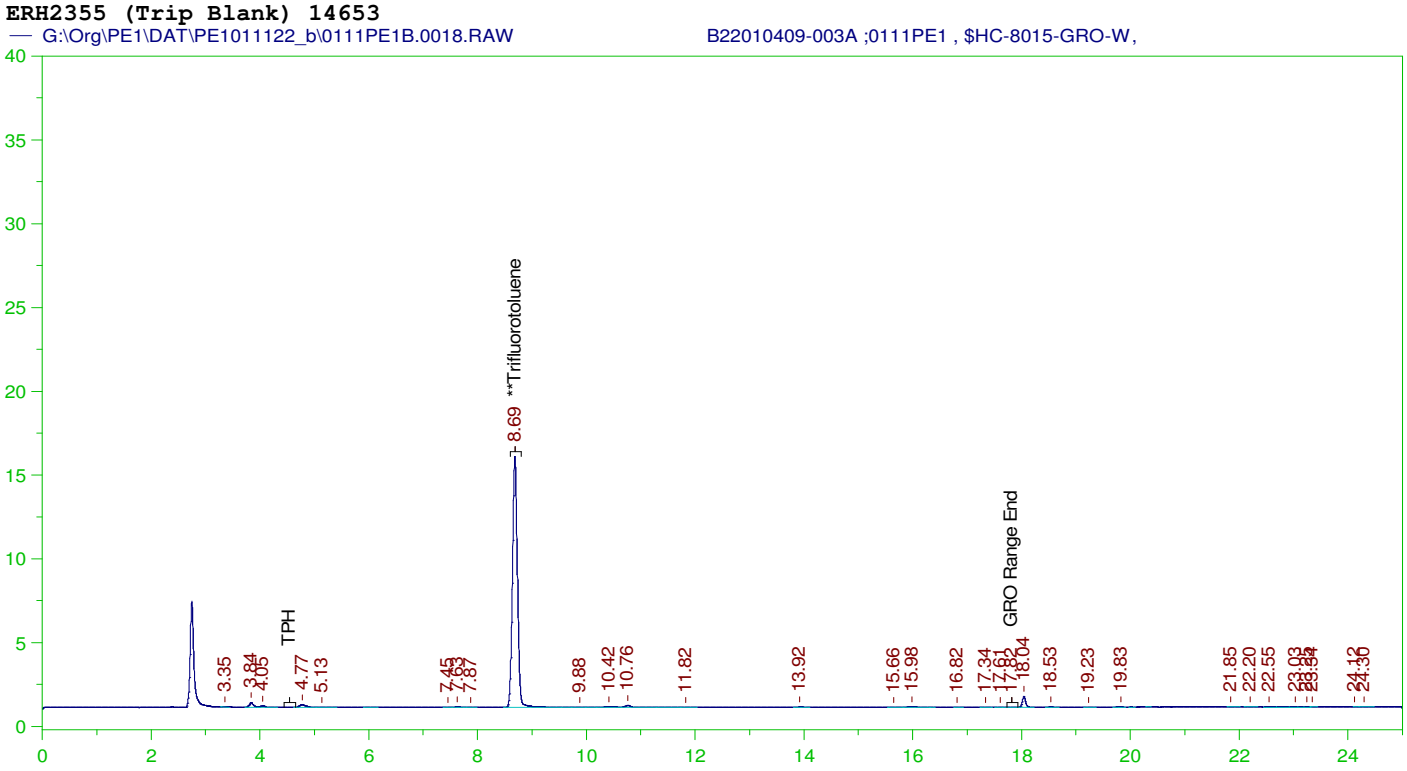
Sample Name: B22010406-003A ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0017.RAW
Date & Time Acquired: 1/11/2022 6:53:58 PM
Method File: G:\Org\PE1\Methods\211208G406-3B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.687 | 25. | 20.213 | 80.85 | - |

GRO Area:7397.542 GRO Amount: 1.564016
TPH Area:13250.19 TPH Amount: 2.914078

**ERH2355 (Trip Blank) 14653**



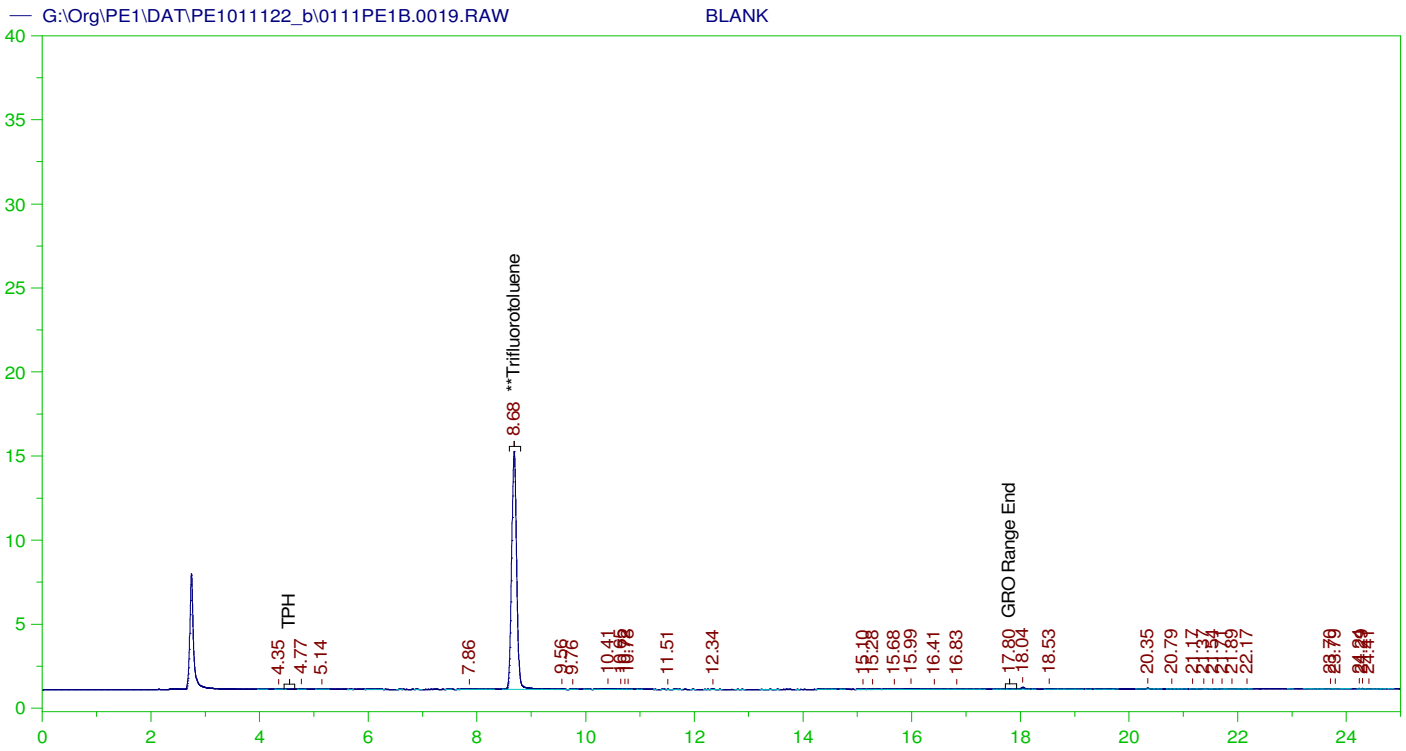

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010409-003A ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0018.RAW
Date & Time Acquired: 1/11/2022 7:28:07 PM
Method File: G:\Org\PE1\Methods\211208G409-3B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.687 | 25. | 20.419 | 81.68 | - |

GRO Area:5900.292 GRO Amount: 1.247462
TPH Area:12490.33 TPH Amount: 2.746963



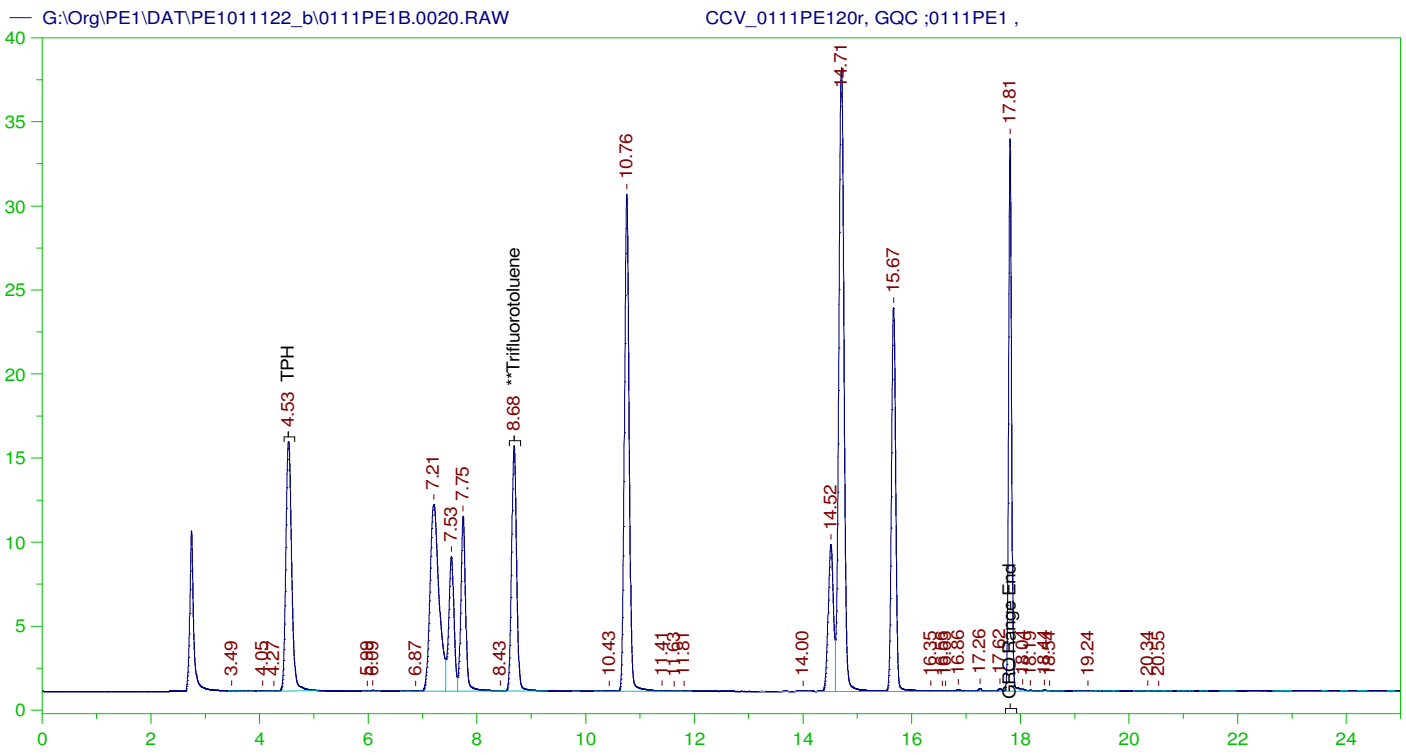

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0019.RAW
Date & Time Acquired: 1/11/2022 8:02:15 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 125. | 96.208 | 76.97 | - |

GRO Area:3930.965 GRO Amount: 4.155495
TPH Area:6750.274 TPH Amount: 7.422847




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV_0111PE120r, GQC ;0111PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0020.RAW
Date & Time Acquired: 1/11/2022 8:36:27 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

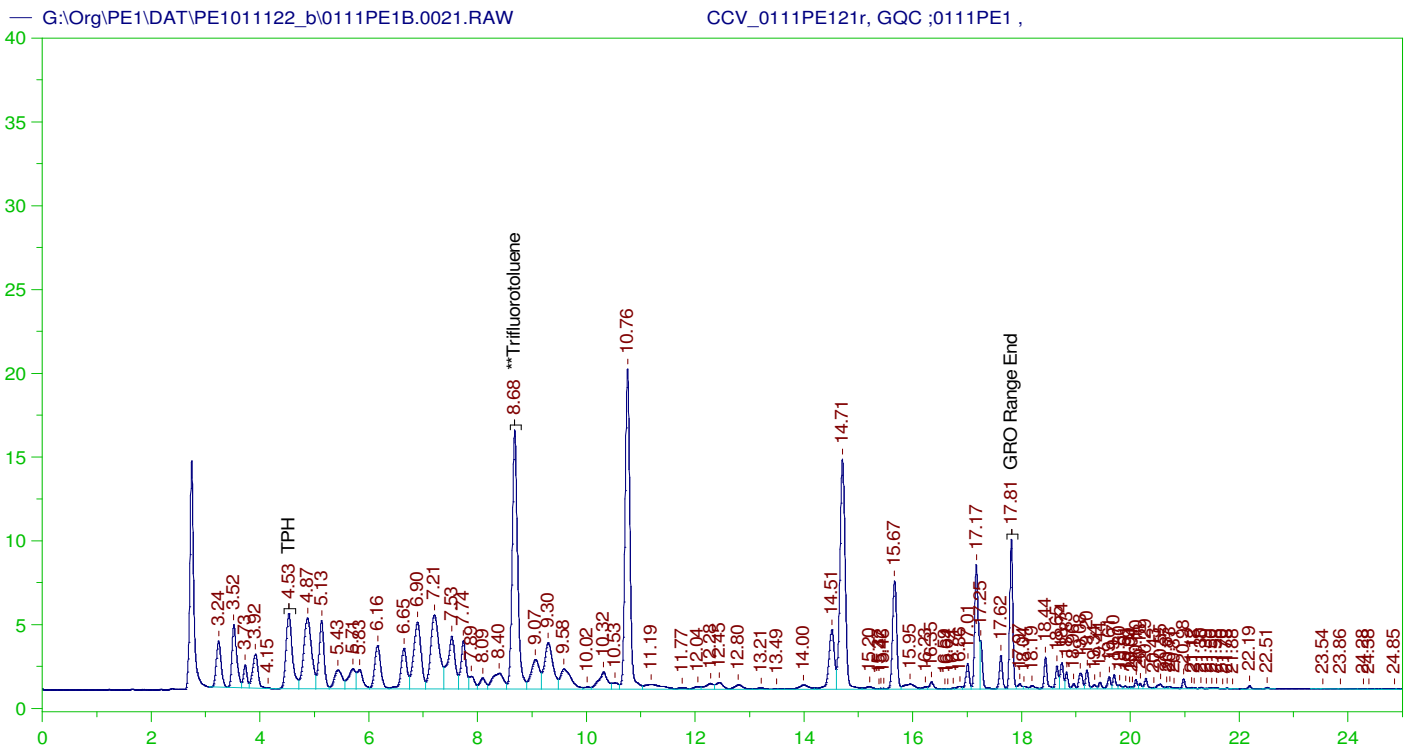
| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 125. | 99.048 | 79.24 | - |

GRO Area:1100195 GRO Amount: 1163.036
TPH Area:1102858 TPH Amount: 1212.743

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0020.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 1163.04 | 138.46 | 85-115 |
| TPH | 1000. | 1212.74 | 121.27 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 125. | 99.048 | 79.24 | 85-115 |




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV_0111PE121r, GQC ;0111PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0021.RAW
Date & Time Acquired: 1/11/2022 9:10:40 PM
Method File: G:\Org\PE1\Methods\211208GCCV0111_21B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

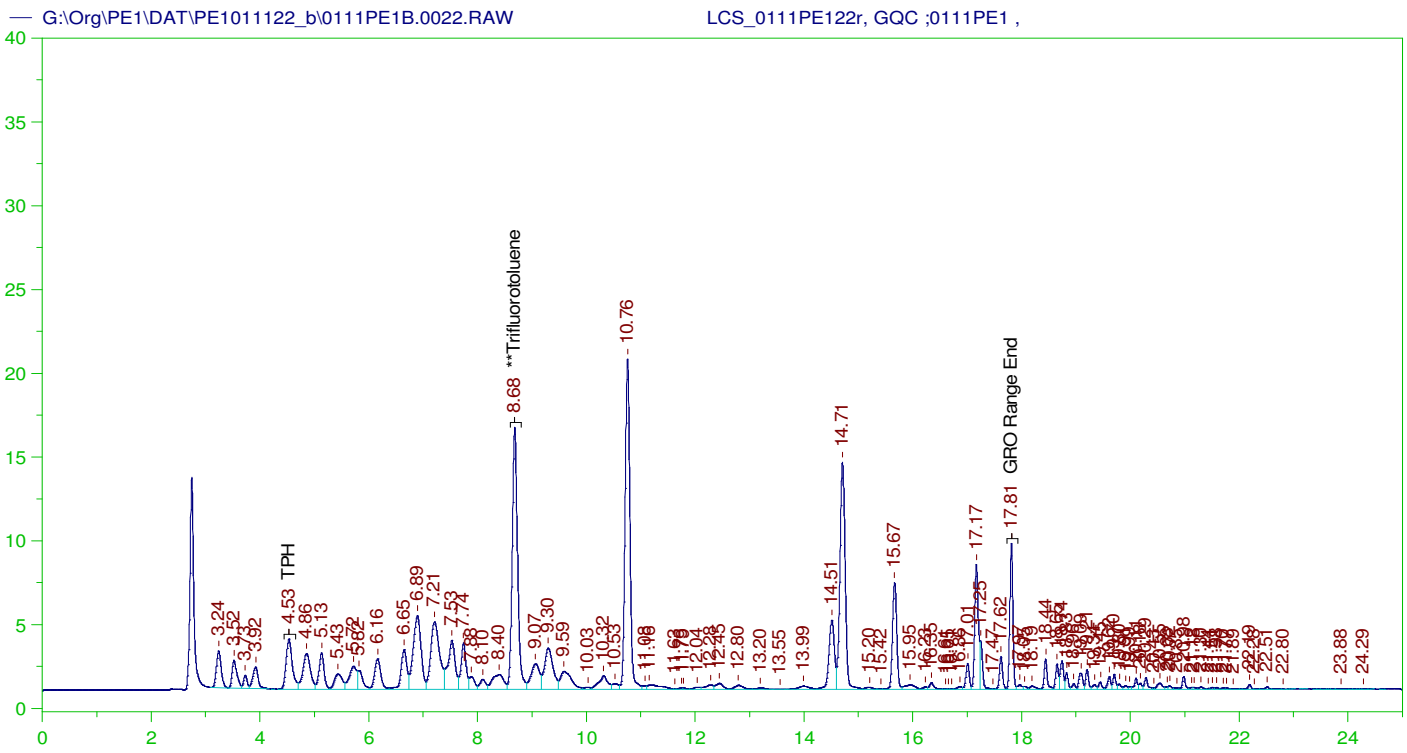
| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 125. | 115.107 | 92.09 | - |

GRO Area:826918.4 GRO Amount: 874.1507
TPH Area:953900.5 TPH Amount: 1048.944

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0021.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 874.15 | 104.07 | 85-115 |
| TPH | 1000. | 1048.94 | 104.89 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 125. | 115.107 | 92.09 | 85-115 |



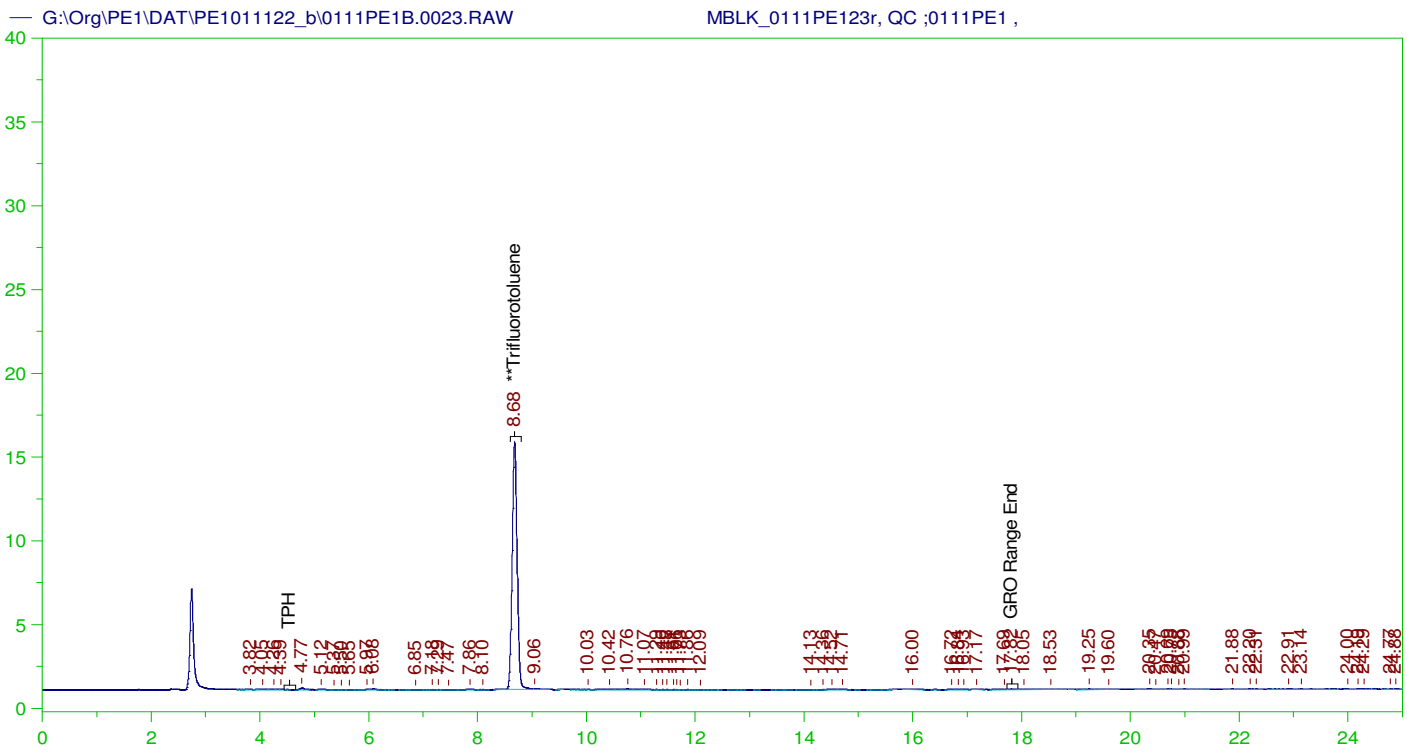

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: LCS_0111PE122r, GQC ;0111PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0022.RAW
Date & Time Acquired: 1/11/2022 9:44:53 PM
Method File: G:\Org\PE1\Methods\211208GLCS0111_22B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 25. | 22.818 | 91.27 | - |

GRO Area:756207.8 GRO Amount: 159.8802
TPH Area:865130.5 TPH Amount: 190.2658




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: MBLK_0111PE123r, QC ;0111PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0023.RAW
Date & Time Acquired: 1/11/2022 10:19:09 PM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

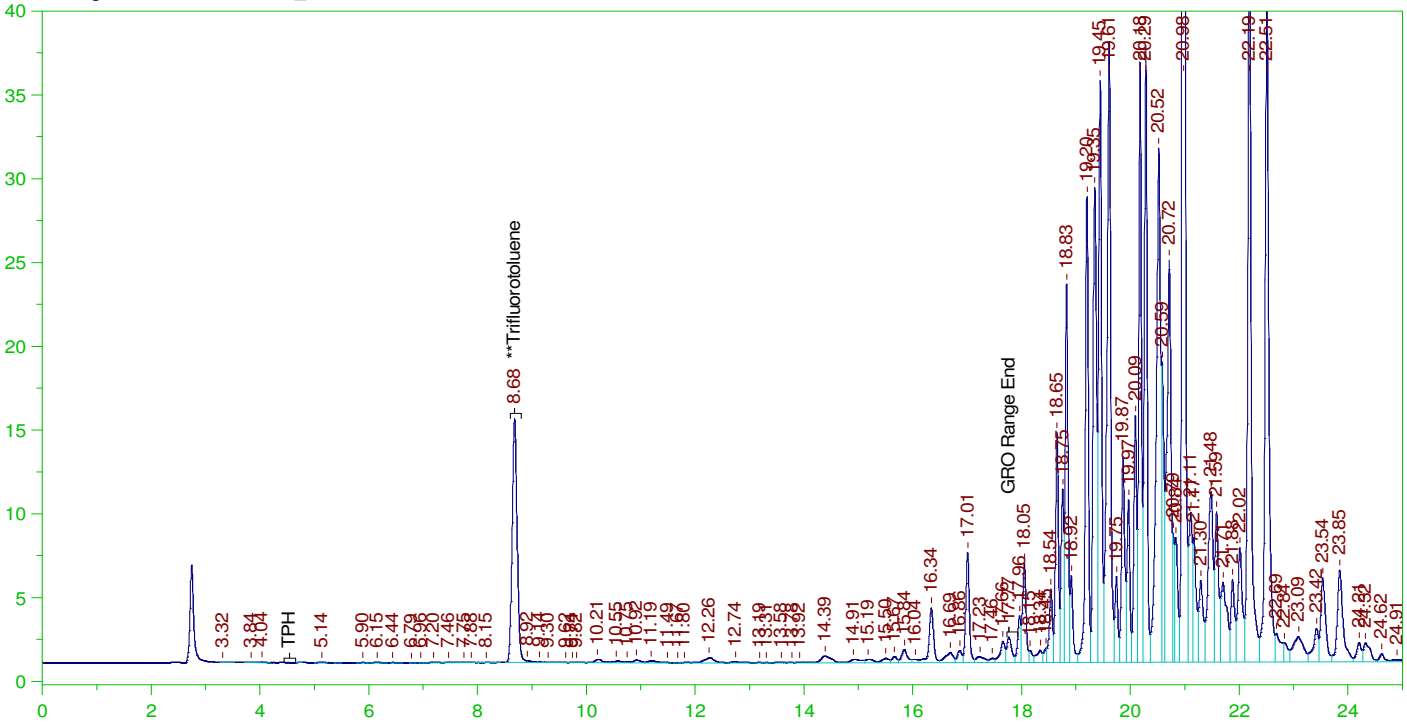
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.682 | 25. | 20.027 | 80.11 | - |

GRO Area:6587.701 GRO Amount: 1.392796
TPH Area:10387.7 TPH Amount: 2.284539

**ERH2326 (RHMW02)**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0024.RAW B22010260-001G ;0111PE1 , $HC-8015-GRO-W,



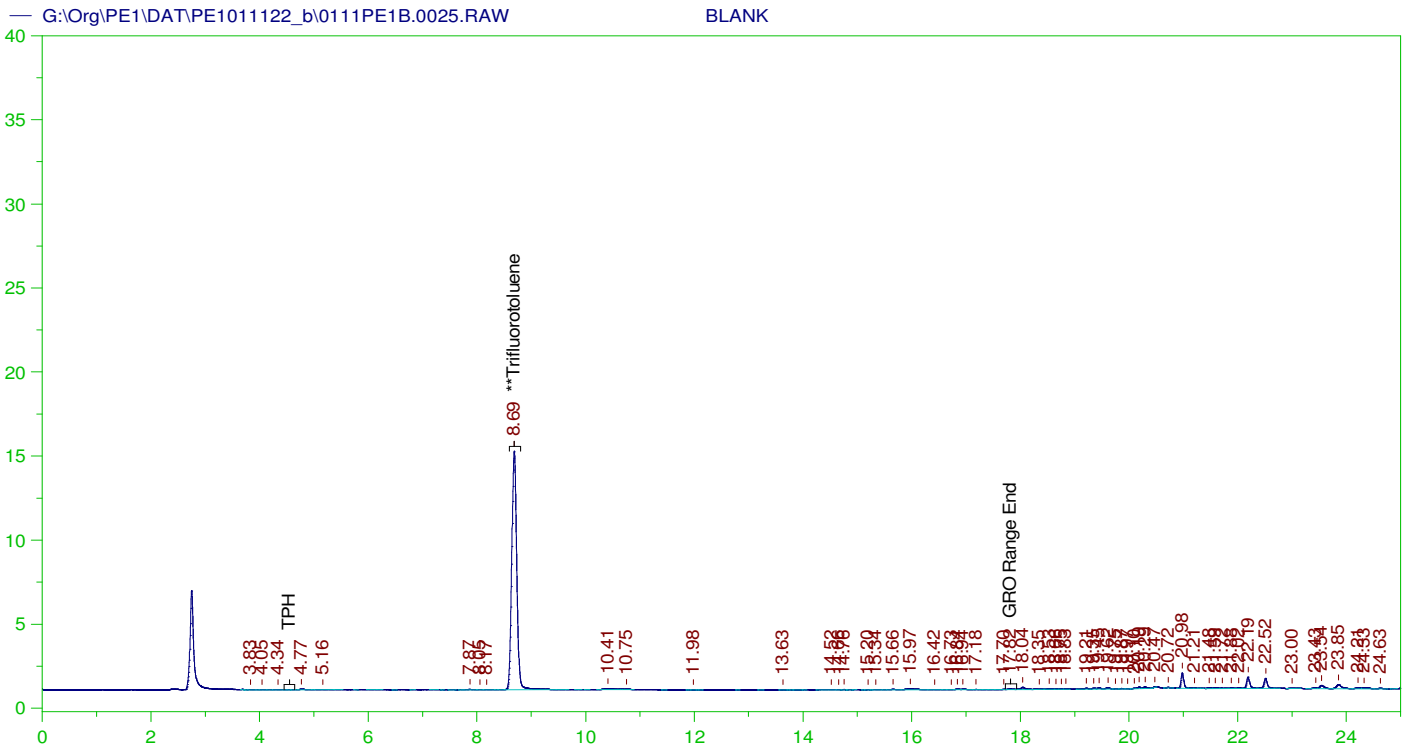

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010260-001G ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0024.RAW
Date & Time Acquired: 1/11/2022 10:53:25 PM
Method File: G:\Org\PE1\Methods\211208G260-1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.681 | 25. | 19.863 | 79.45 | - |

GRO Area:123912 GRO Amount: 26.19793
TPH Area:3043315 TPH Amount: 669.308




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0025.RAW
Date & Time Acquired: 1/11/2022 11:27:47 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

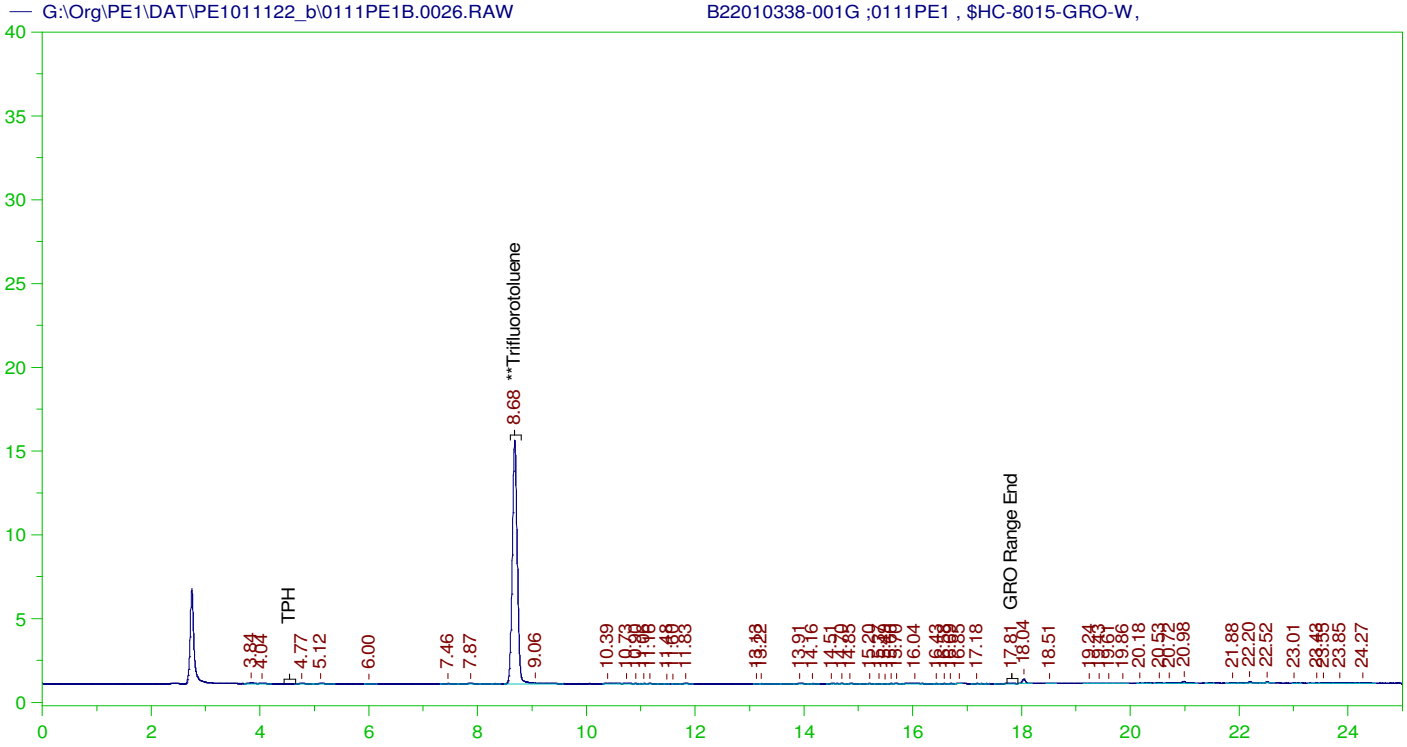
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.686 | 125. | 96.559 | 77.25 | - |

GRO Area:4658.744 GRO Amount: 4.924844
TPH Area:22634.05 TPH Amount: 24.88923

**ERH2364 (RHMW06)**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0026.RAW B22010338-001G ;0111PE1 , $HC-8015-GRO-W,



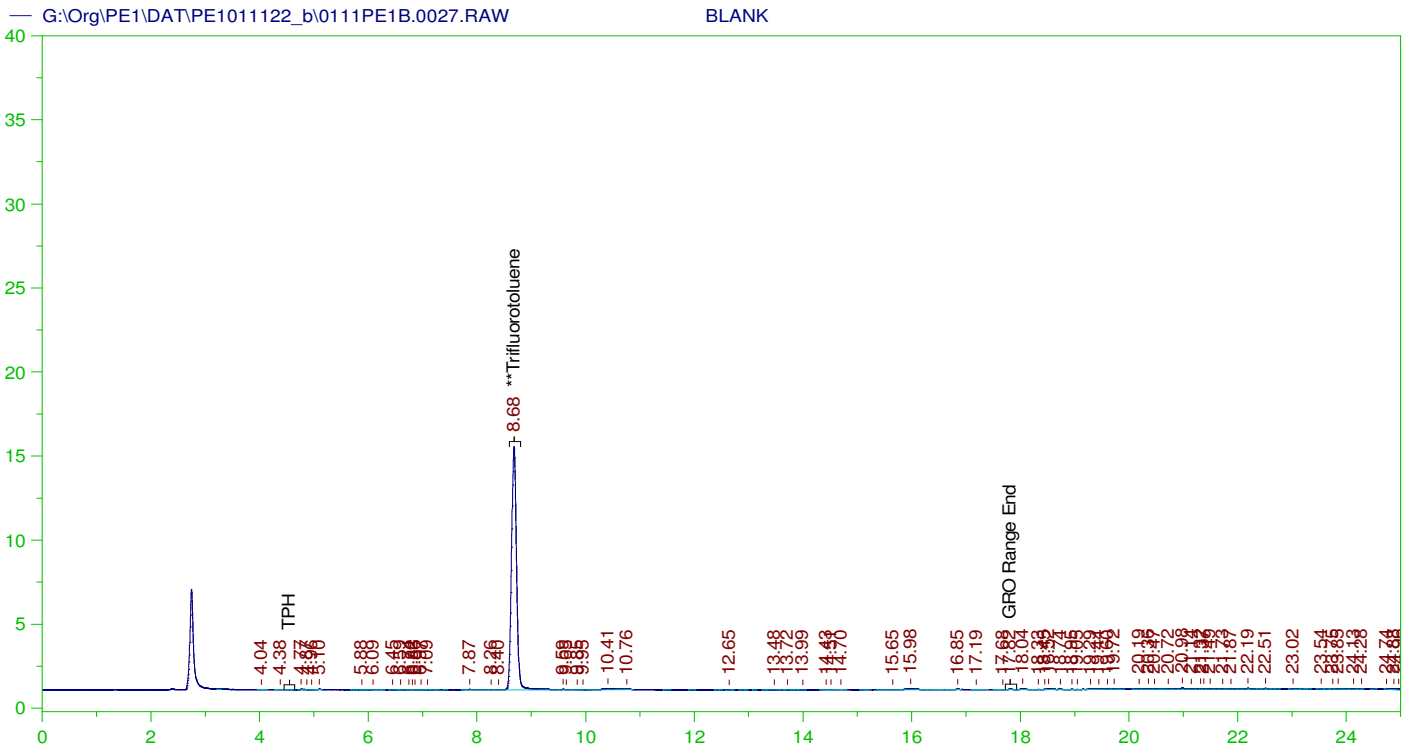

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010338-001G ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0026.RAW
Date & Time Acquired: 1/12/2022 12:02:07 AM
Method File: G:\Org\PE1\Methods\211208G338-1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 25. | 19.701 | 78.81 | - |

GRO Area:6015.044 GRO Amount: 1.271723
TPH Area:11324.66 TPH Amount: 2.490601




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0027.RAW
Date & Time Acquired: 1/12/2022 12:36:28 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

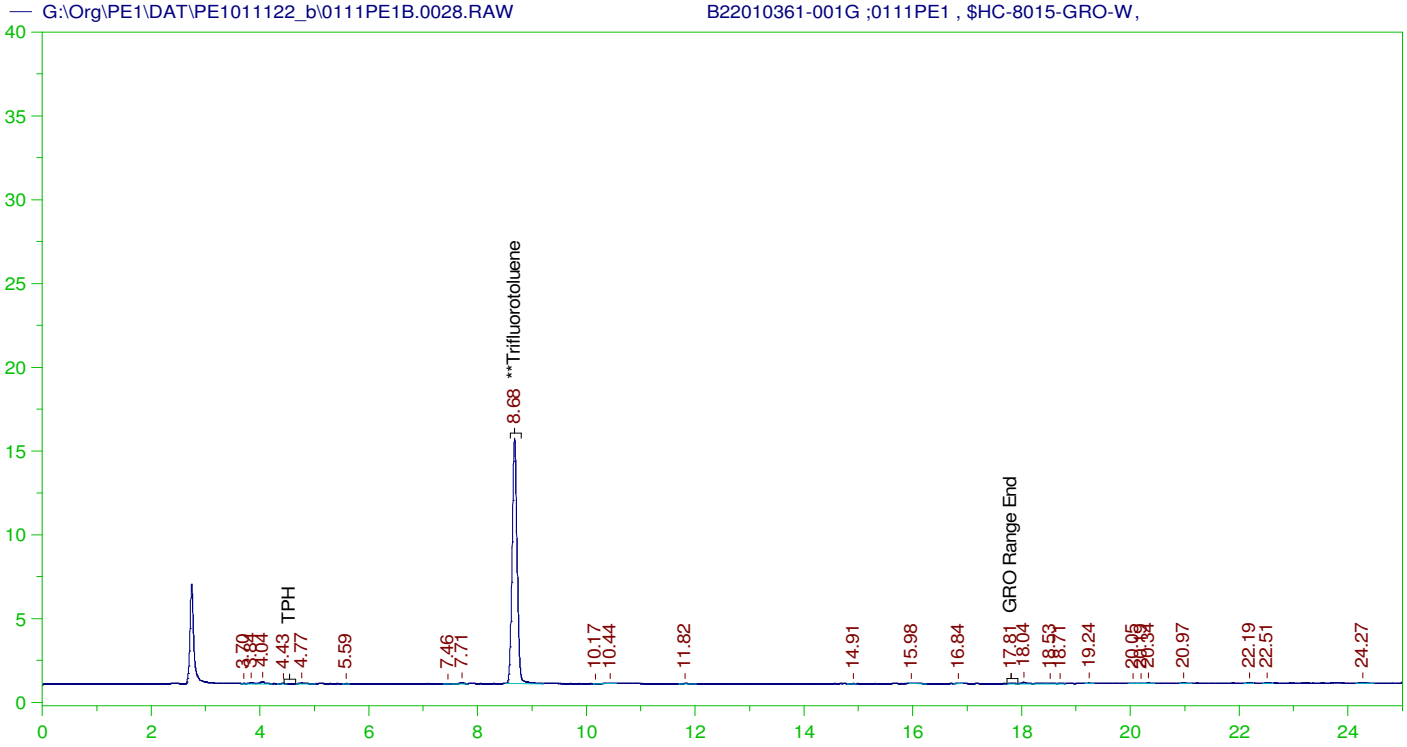
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.682 | 125. | 98.653 | 78.92 | - |

GRO Area:5137.803 GRO Amount: 5.431266
TPH Area:10040.37 TPH Amount: 11.04075

**ERH2360 (RHMW08)**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0028.RAW B22010361-001G ;0111PE1 , $HC-8015-GRO-W,



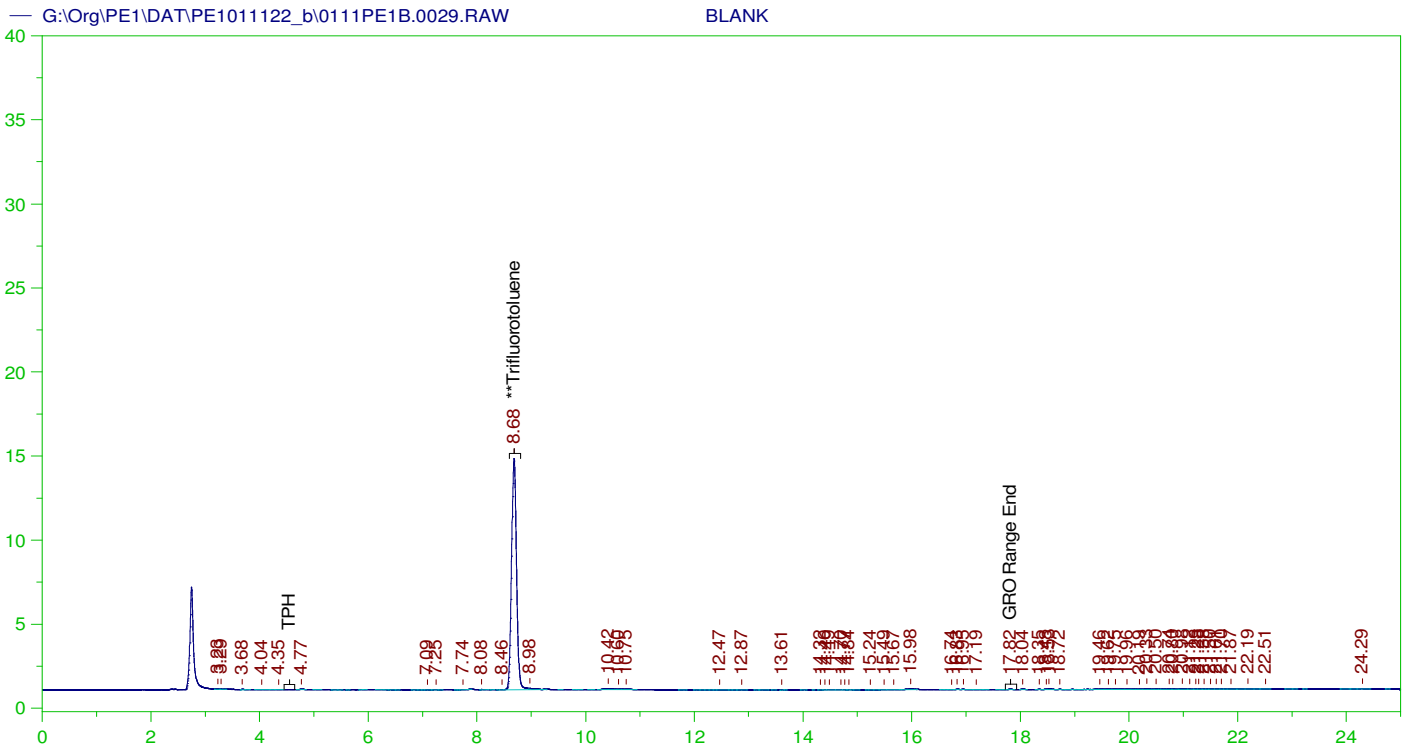

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010361-001G ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0028.RAW
Date & Time Acquired: 1/12/2022 1:10:43 AM
Method File: G:\Org\PE1\Methods\211208G361-1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.681 | 25. | 19.856 | 79.42 | - |

GRO Area:2053.031 GRO Amount: 0.4340595
TPH Area:4839.944 TPH Amount: 1.064436




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0029.RAW
Date & Time Acquired: 1/12/2022 1:44:59 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

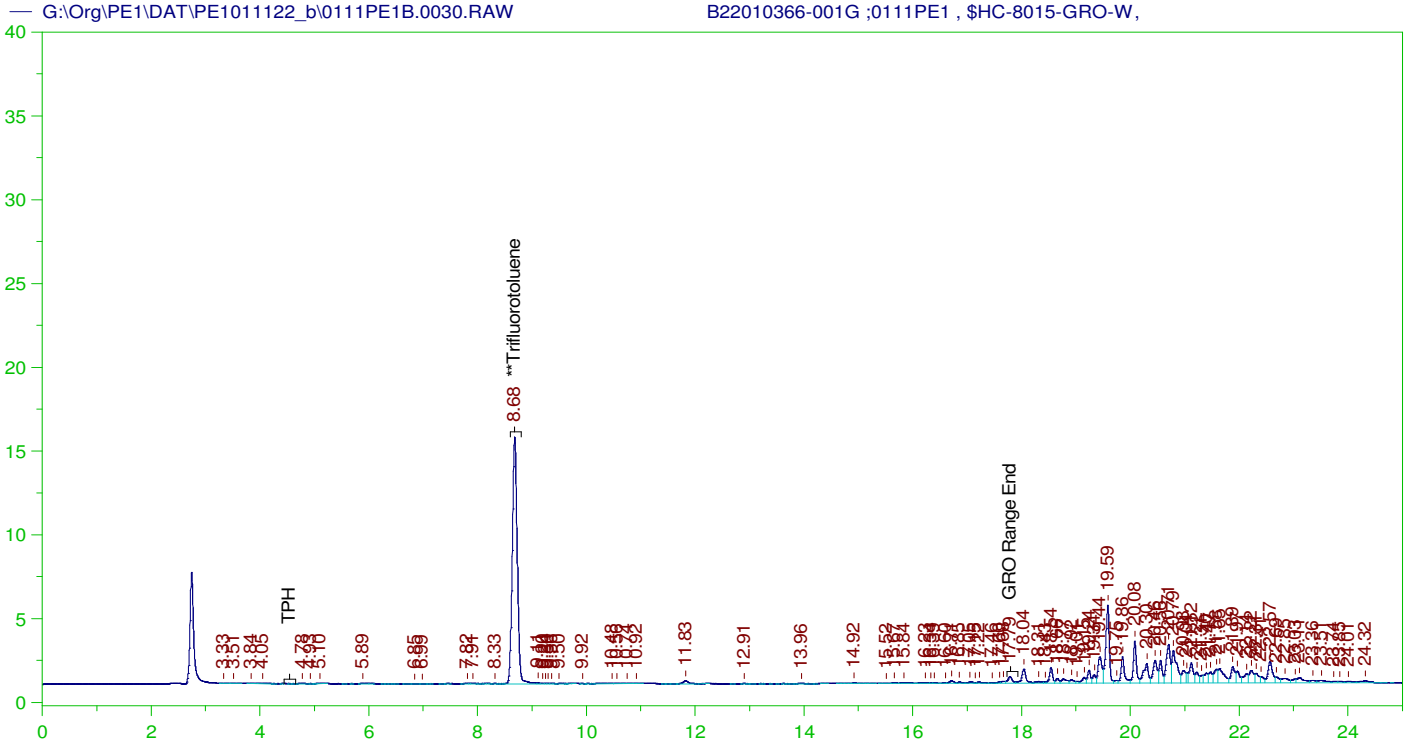
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.683 | 125. | 92.76 | 74.21 | - |

GRO Area:5025.016 GRO Amount: 5.312037
TPH Area:8716.158 TPH Amount: 9.584605

**ERH2323 (RHMW01R)**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0030.RAW B22010366-001G ;0111PE1 , $HC-8015-GRO-W,



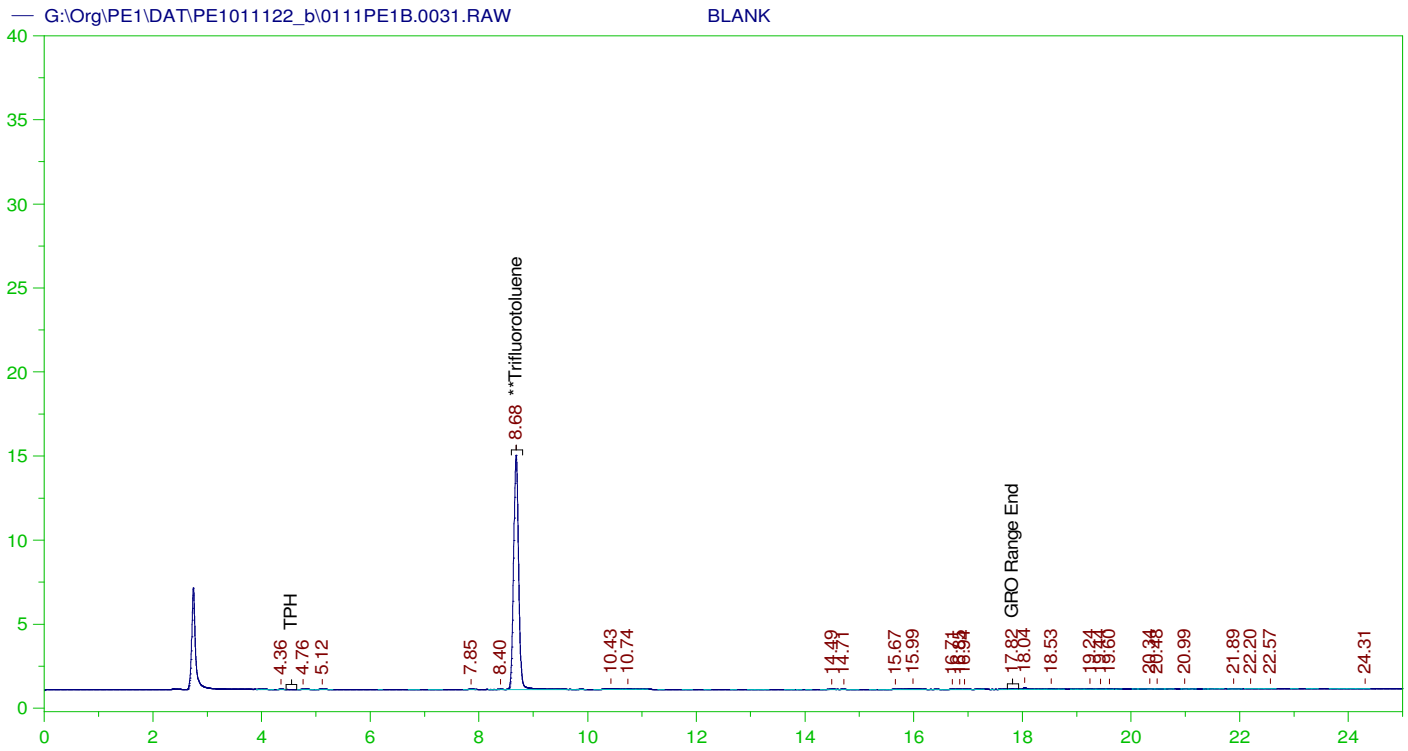

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010366-001G ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0030.RAW
Date & Time Acquired: 1/12/2022 2:19:14 AM
Method File: G:\Org\PE1\Methods\211208G366-1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 25. | 20.1 | 80.4 | - |

GRO Area:14006.61 GRO Amount: 2.961329
TPH Area:204891 TPH Amount: 45.06113




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

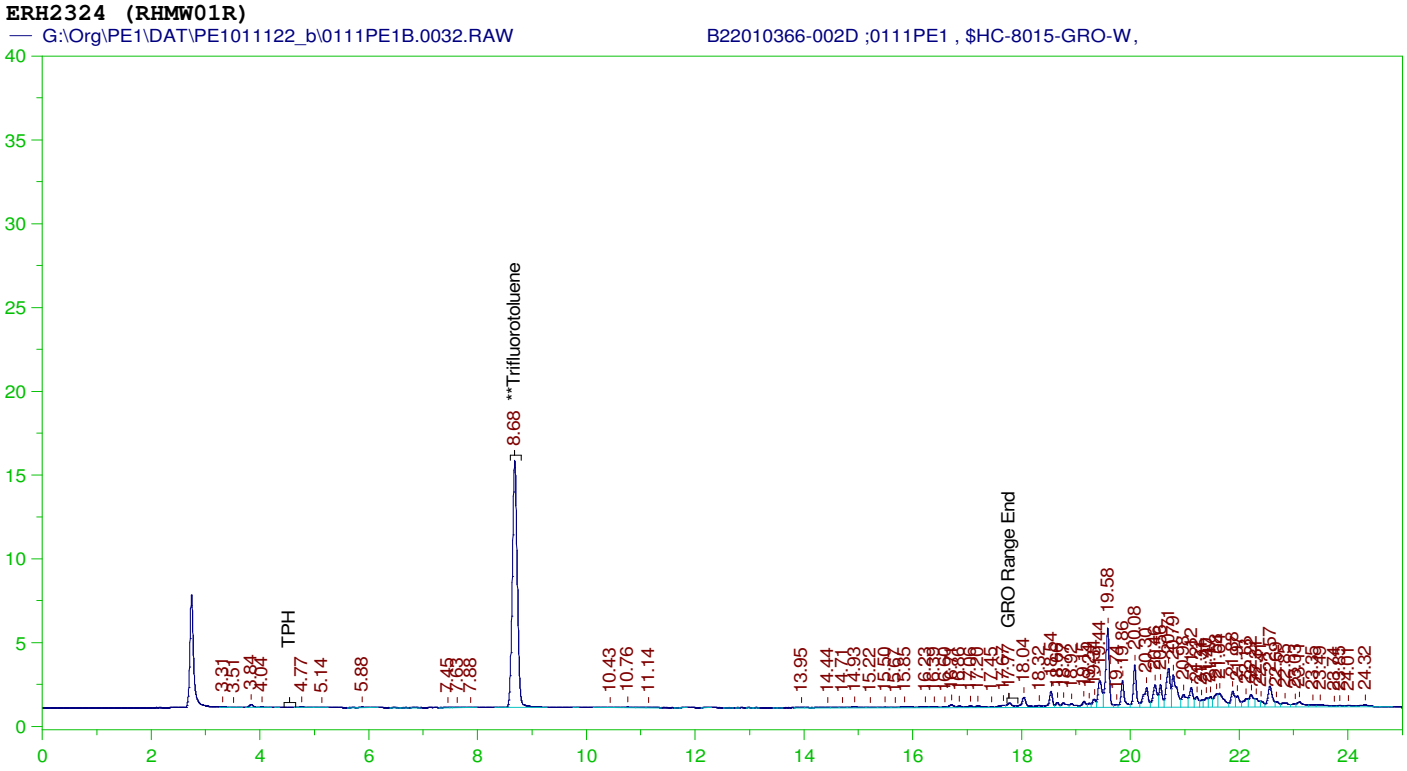
Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0031.RAW
Date & Time Acquired: 1/12/2022 2:53:21 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 125. | 94.78 | 75.82 | - |

GRO Area:3161.518 GRO Amount: 3.342099
TPH Area:5245.003 TPH Amount: 5.767596

**ERH2324 (RHMW01R)**



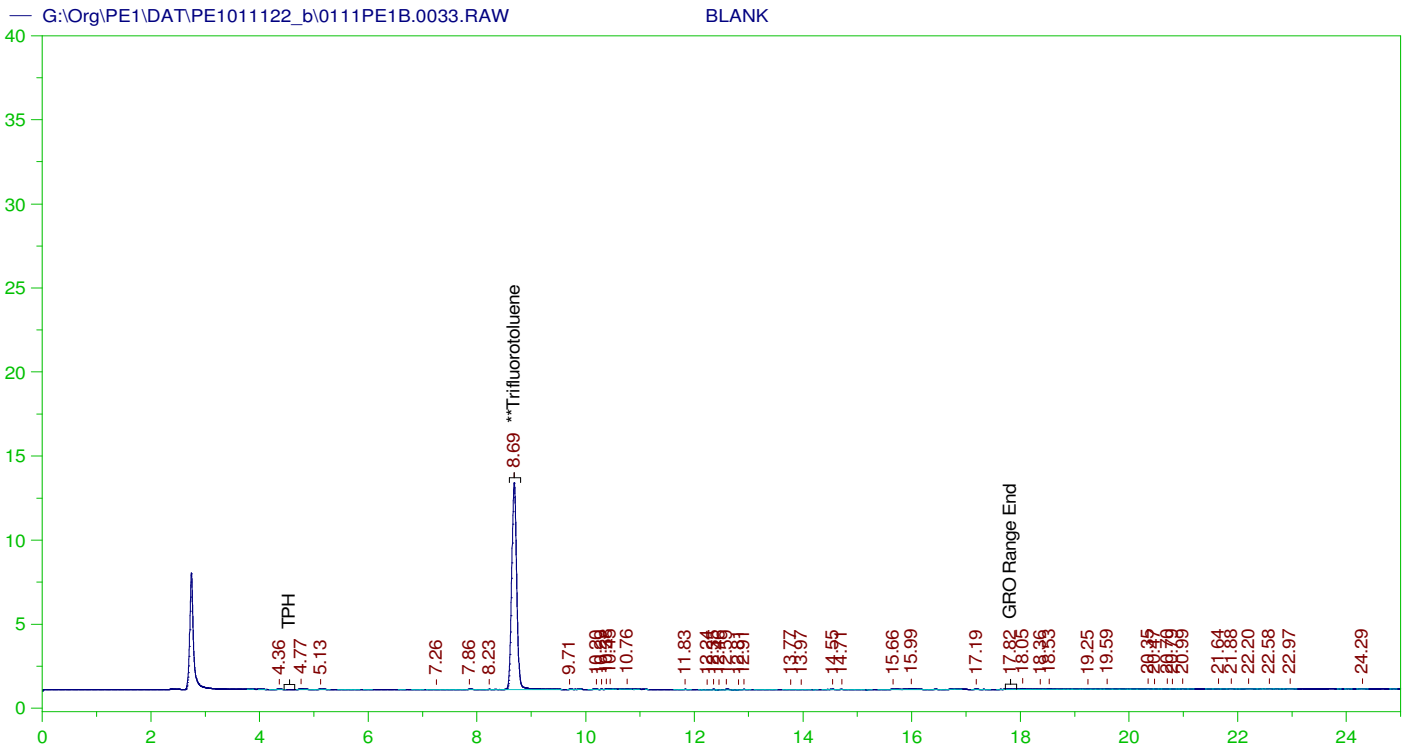

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010366-002D ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0032.RAW
Date & Time Acquired: 1/12/2022 3:27:34 AM
Method File: G:\Org\PE1\Methods\211208G366-2B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 25. | 19.996 | 79.99 | - |

GRO Area:11288.05 GRO Amount: 2.386562
TPH Area:194818.7 TPH Amount: 42.84594




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0033.RAW
Date & Time Acquired: 1/12/2022 4:01:48 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

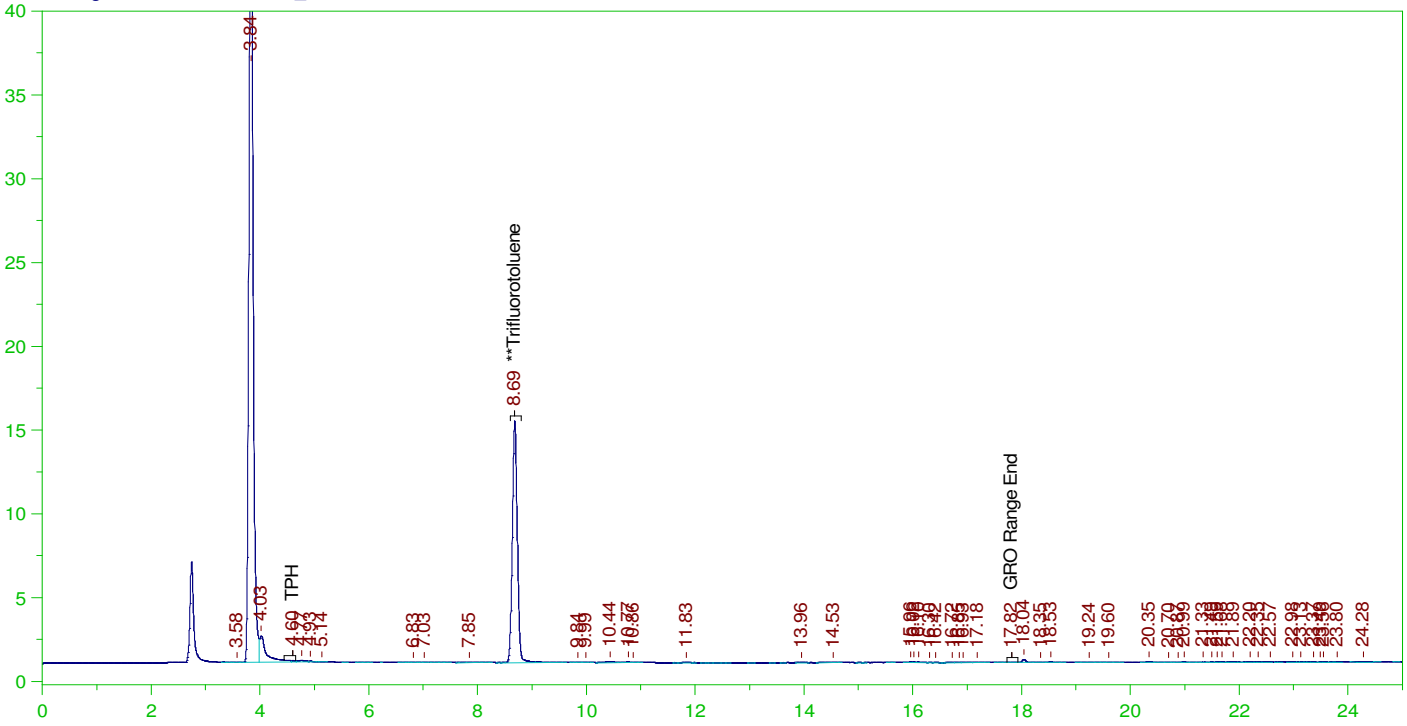
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.685 | 125. | 83.796 | 67.04 | - |

GRO Area:4019.88 GRO Amount: 4.249489
TPH Area:6278.172 TPH Amount: 6.903707

**ERH2342 (RHMW15 zone 5)**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0034.RAW B22010403-001G ;0111PE1 , $HC-8015-GRO-W,



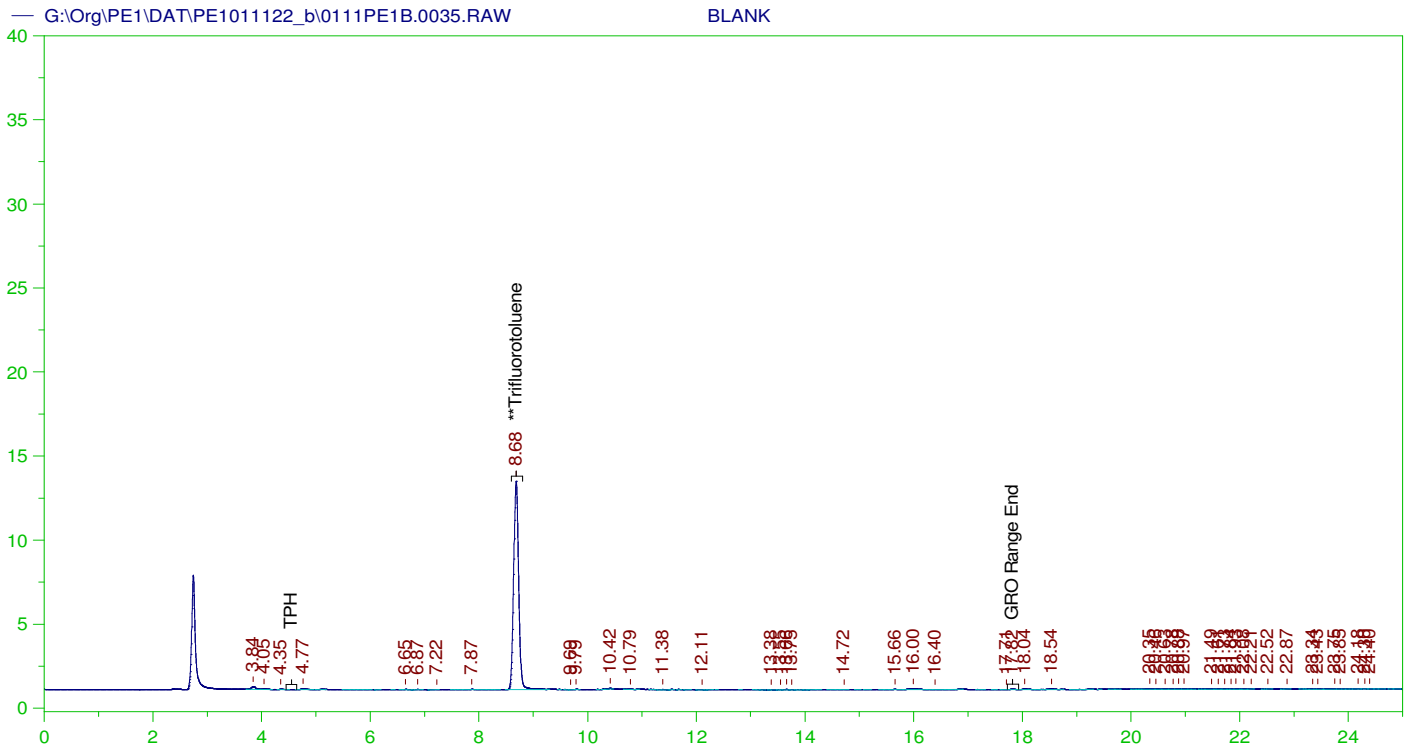

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010403-001G ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0034.RAW
Date & Time Acquired: 1/12/2022 4:36:03 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.685 | 25. | 19.569 | 78.28 | - |

GRO Area:6003.333 GRO Amount: 1.269247
TPH Area:295351.7 TPH Amount: 64.95589




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0035.RAW
Date & Time Acquired: 1/12/2022 5:10:23 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

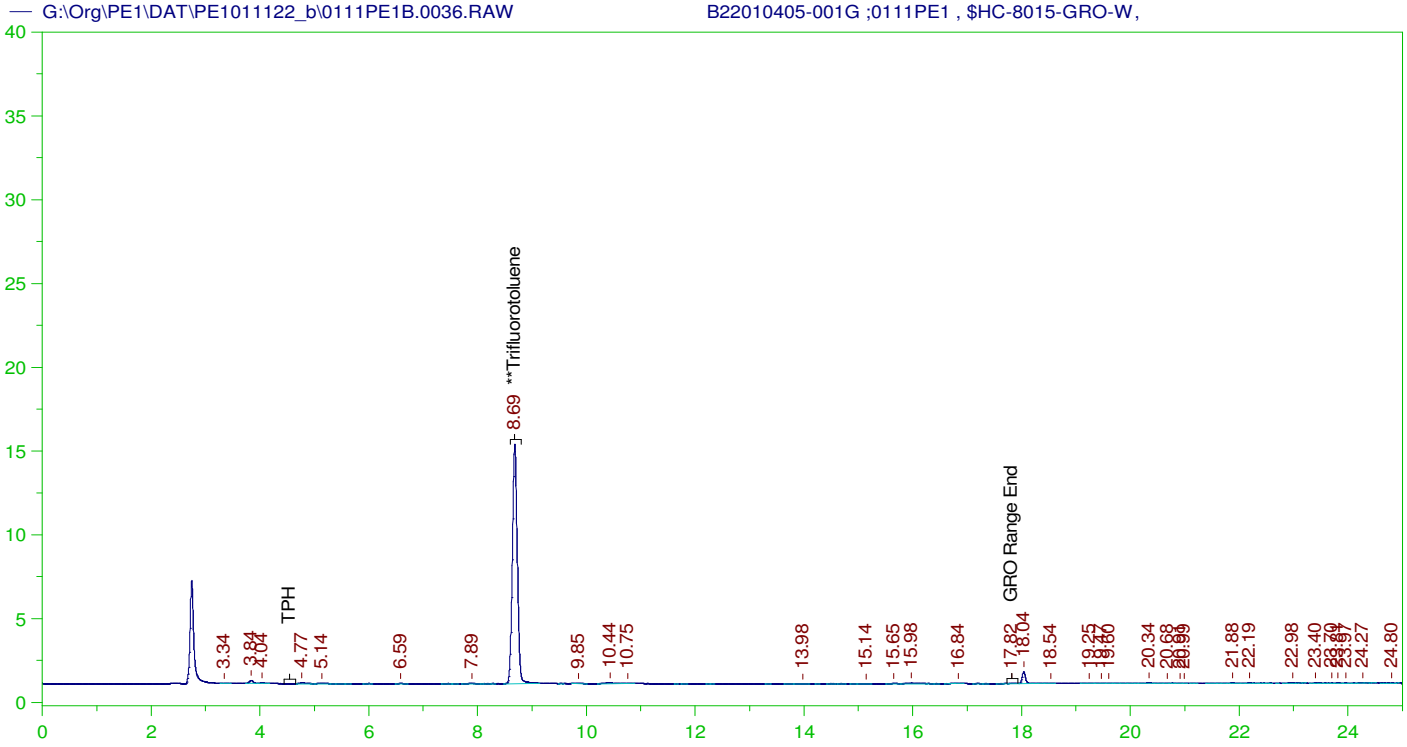
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 125. | 84.335 | 67.47 | - |

GRO Area:4013.309 GRO Amount: 4.242543
TPH Area:8673.148 TPH Amount: 9.53731

**ERH2338 (OWDFMW01)**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0036.RAW B22010405-001G ;0111PE1 , $HC-8015-GRO-W,




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010405-001G ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0036.RAW
Date & Time Acquired: 1/12/2022 5:44:40 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

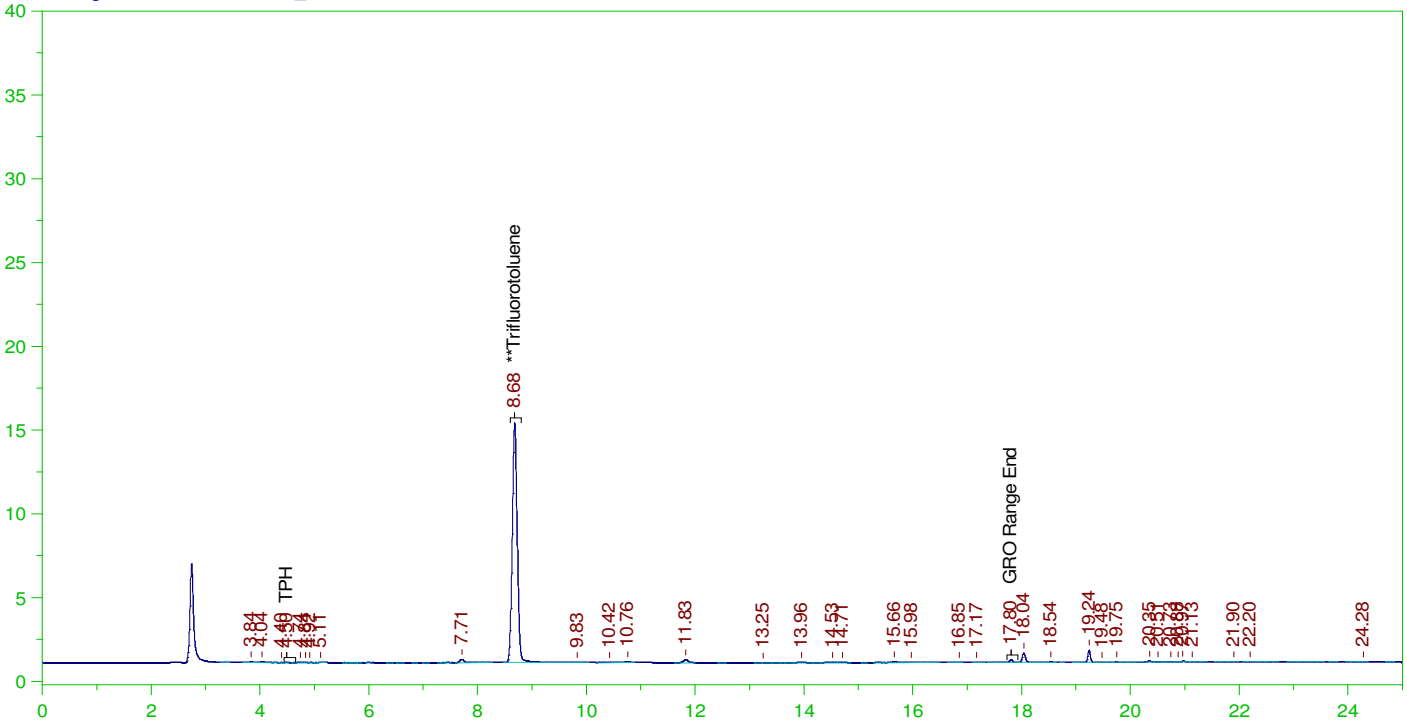
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.685 | 25. | 19.218 | 76.87 | - |

GRO Area:3370.65 GRO Amount: 0.7126353
TPH Area:10435.95 TPH Amount: 2.295151

**ERH2368 (RHMW04)**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0037.RAW B22010406-001G ;0111PE1 , $HC-8015-GRO-W,




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

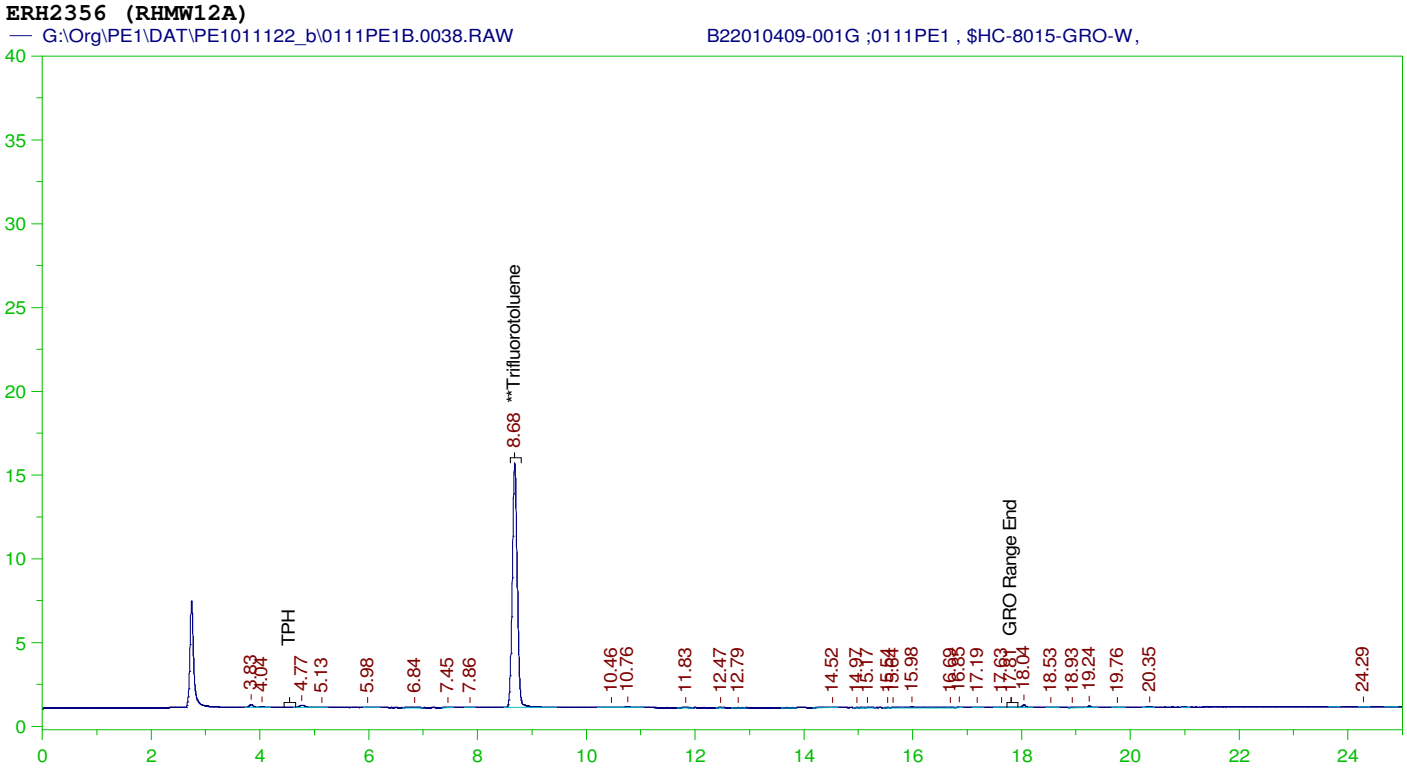
Sample Name: B22010406-001G ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0037.RAW
Date & Time Acquired: 1/12/2022 6:18:58 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 25. | 19.449 | 77.8 | - |

GRO Area:6598.9 GRO Amount: 1.395164
TPH Area:14614.02 TPH Amount: 3.214021

**ERH2356 (RHMW12A)**



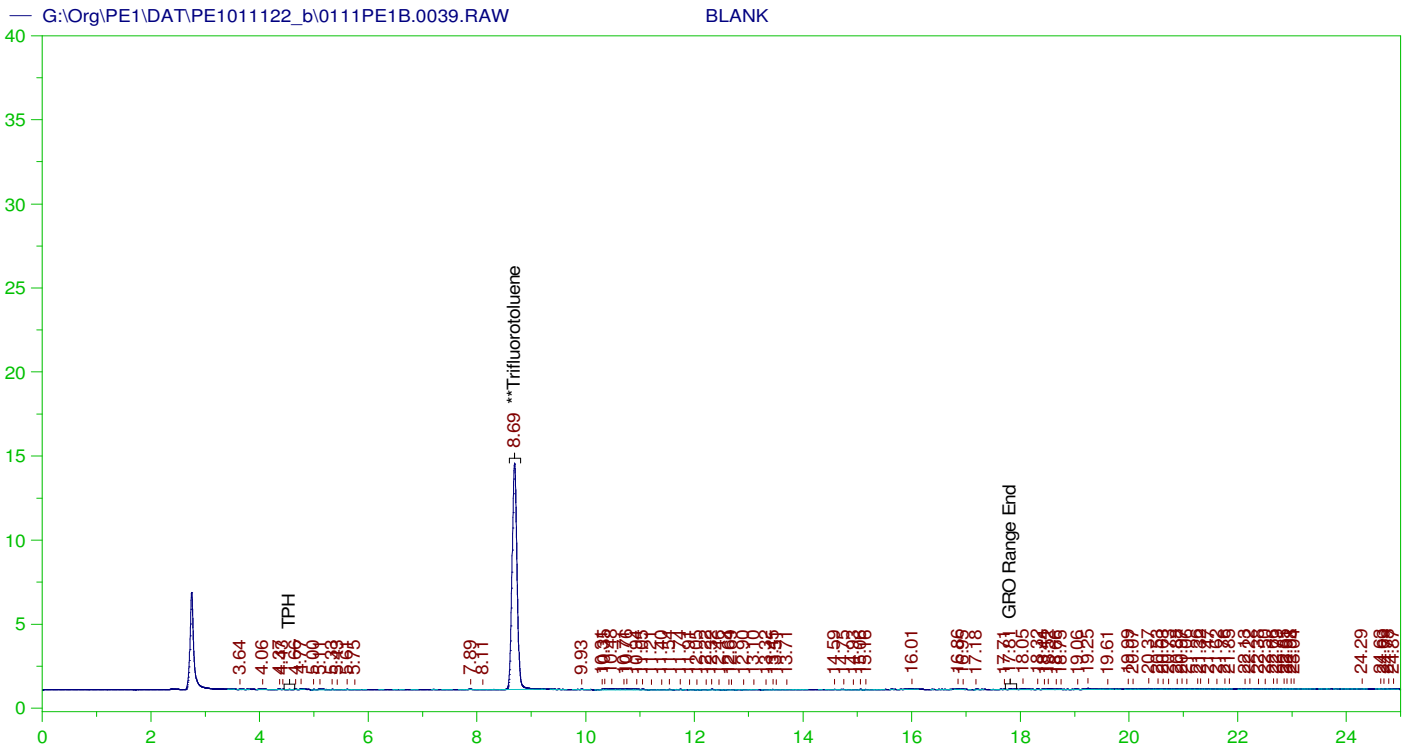

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010409-001G ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0038.RAW
Date & Time Acquired: 1/12/2022 6:53:12 AM
Method File: G:\Org\PE1\Methods\211208G409-1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 25. | 19.86 | 79.44 | - |

GRO Area:5049.921 GRO Amount: 1.067673
TPH Area:7933.426 TPH Amount: 1.744777



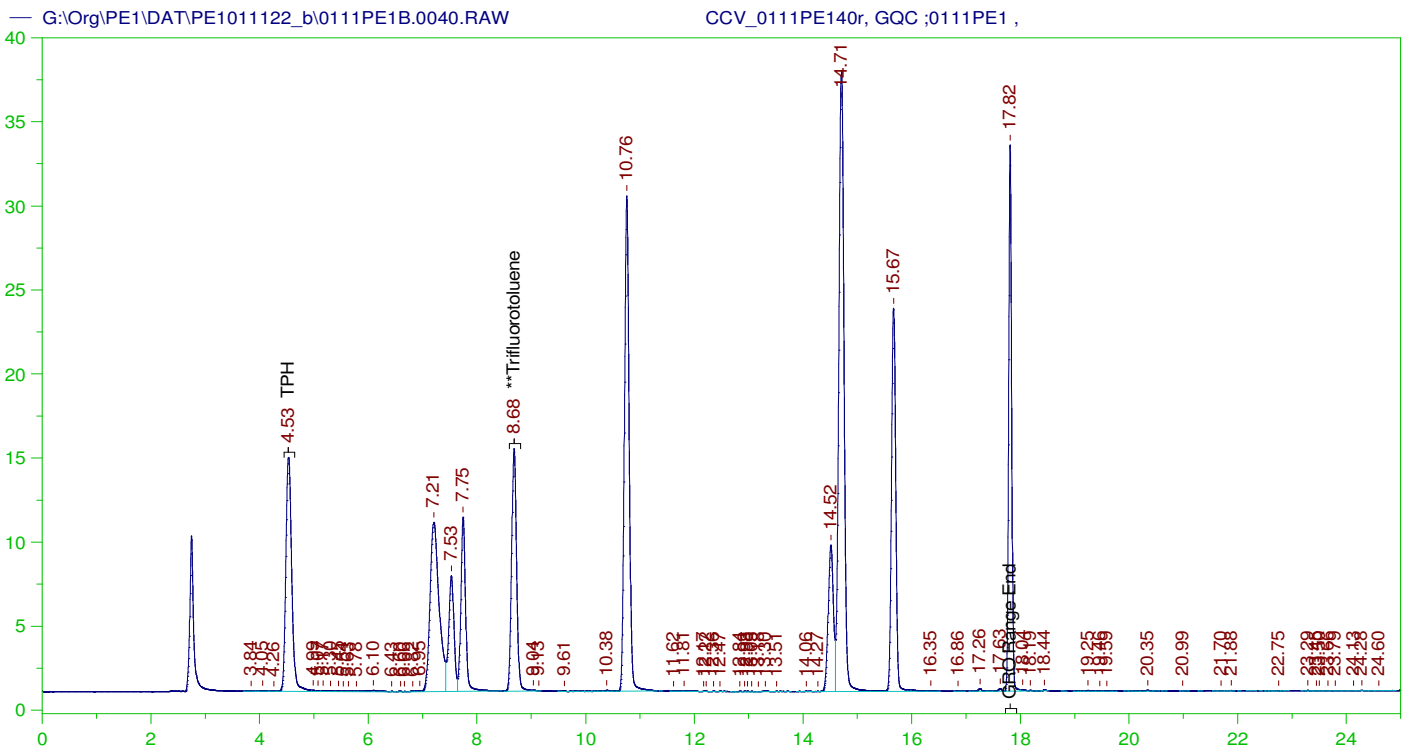

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0039.RAW
Date & Time Acquired: 1/12/2022 7:31:43 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.692 | 125. | 91.213 | 72.97 | - |

GRO Area:6302.792 GRO Amount: 6.662798
TPH Area:11791.58 TPH Amount: 12.96645




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**
Sample Name: CCV_0111PE140r, GQC ;0111PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0040.RAW
Date & Time Acquired: 1/12/2022 8:05:53 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

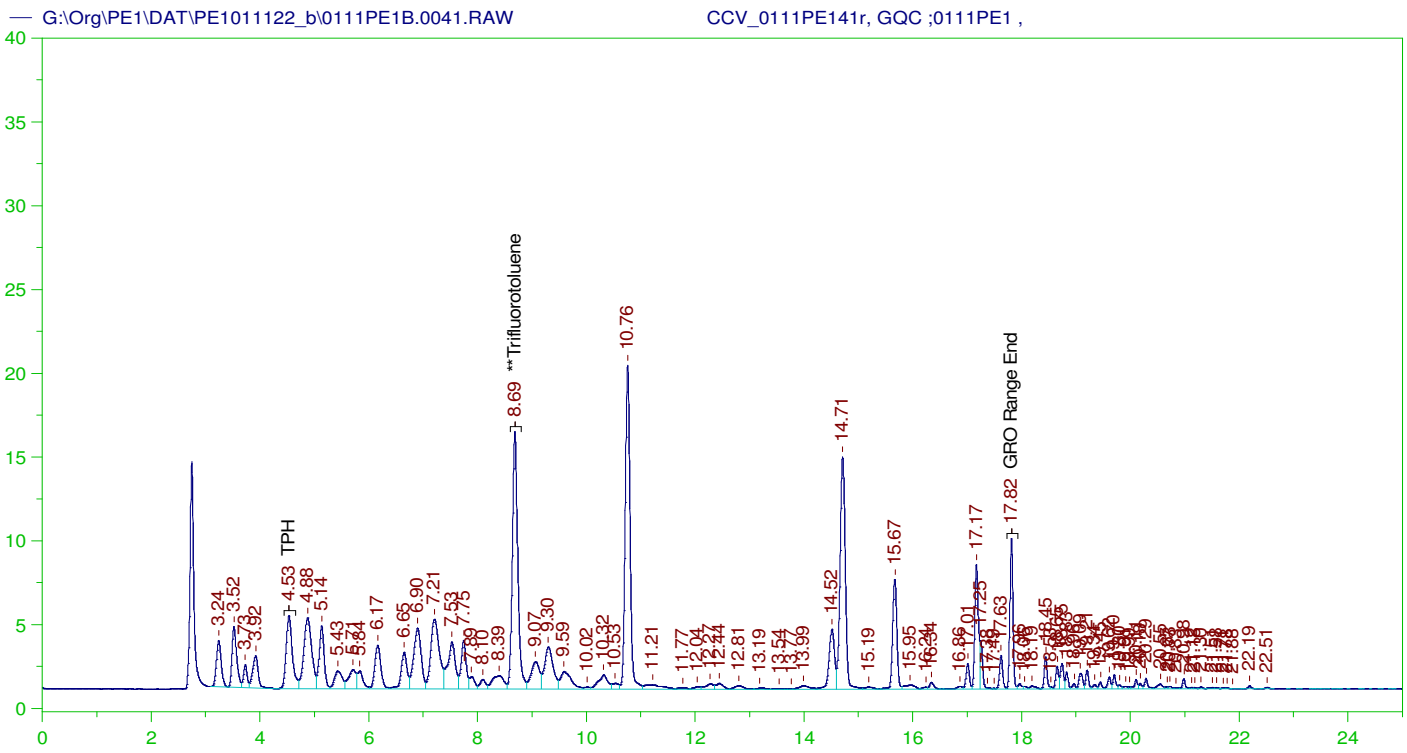
| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.683 | 125. | 97.592 | 78.07 | - |

GRO Area:1072900 GRO Amount: 1134.183
TPH Area:1076385 TPH Amount: 1183.633

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0040.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 1134.18 | 135.02 | 85-115 |
| TPH | 1000. | 1183.63 | 118.36 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.683 | 125. | 97.592 | 78.07 | 85-115 |




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV_0111PE141r, GQC ;0111PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0041.RAW
Date & Time Acquired: 1/12/2022 8:39:59 AM
Method File: G:\Org\PE1\Methods\211208GCCV0111_41B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

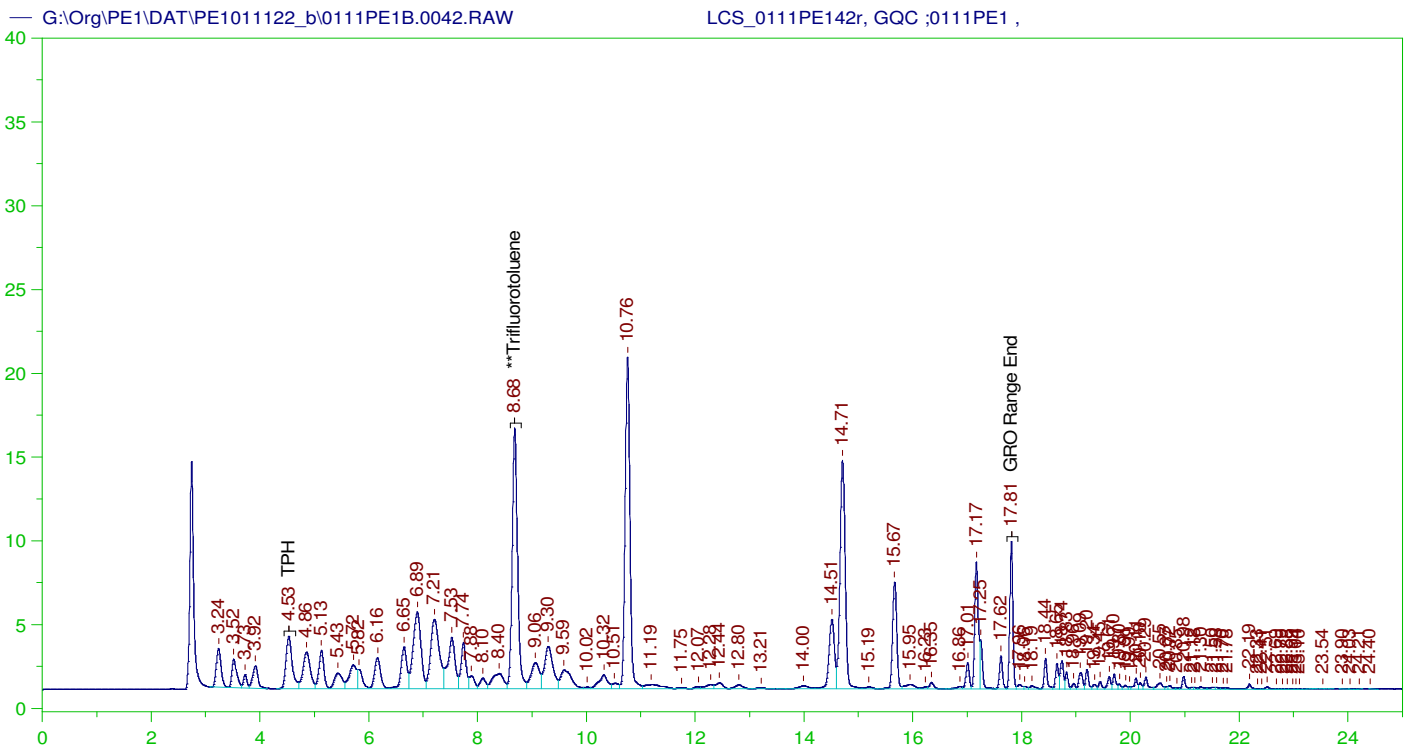
| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.687 | 125. | 113.564 | 90.85 | - |

GRO Area:792128.9 GRO Amount: 837.3741
TPH Area:914502.3 TPH Amount: 1005.62

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0041.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 837.37 | 99.69 | 85-115 |
| TPH | 1000. | 1005.62 | 100.56 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.687 | 125. | 113.564 | 90.85 | 85-115 |



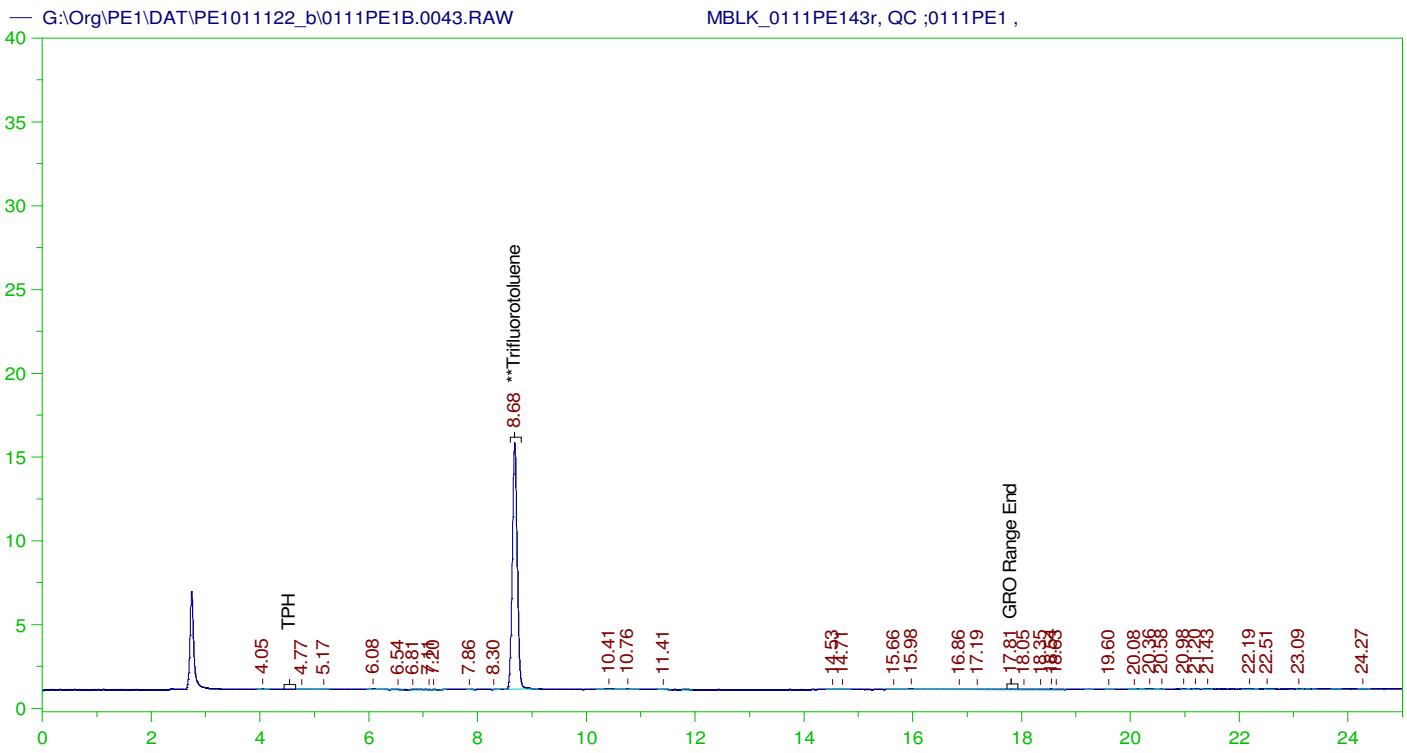

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: LCS_0111PE142r, GQC ;0111PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0042.RAW
Date & Time Acquired: 1/12/2022 9:14:11 AM
Method File: G:\Org\PE1\Methods\211208GLCS0111_42B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 25. | 22.67 | 90.68 | - |

GRO Area:772280.9 GRO Amount: 163.2785
TPH Area:884387.6 TPH Amount: 194.501



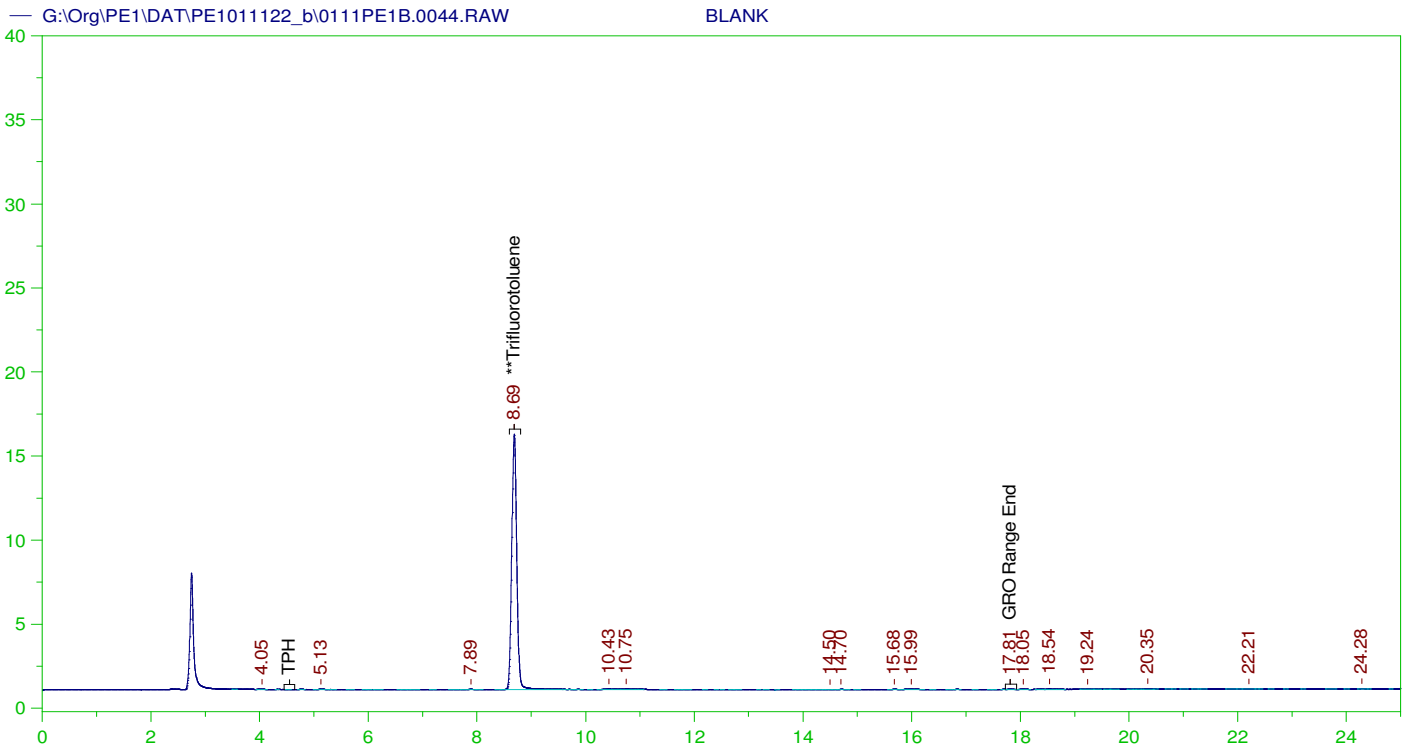

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: MBLK_0111PE143r, QC ;0111PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0043.RAW
Date & Time Acquired: 1/12/2022 9:48:21 AM
Method File: G:\Org\PE1\Methods\211208GMB0111_43B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 25. | 19.835 | 79.34 | - |

GRO Area:3861.893 GRO Amount: 0.8164957
TPH Area:6395.331 TPH Amount: 1.406508




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0044.RAW
Date & Time Acquired: 1/12/2022 10:22:34 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

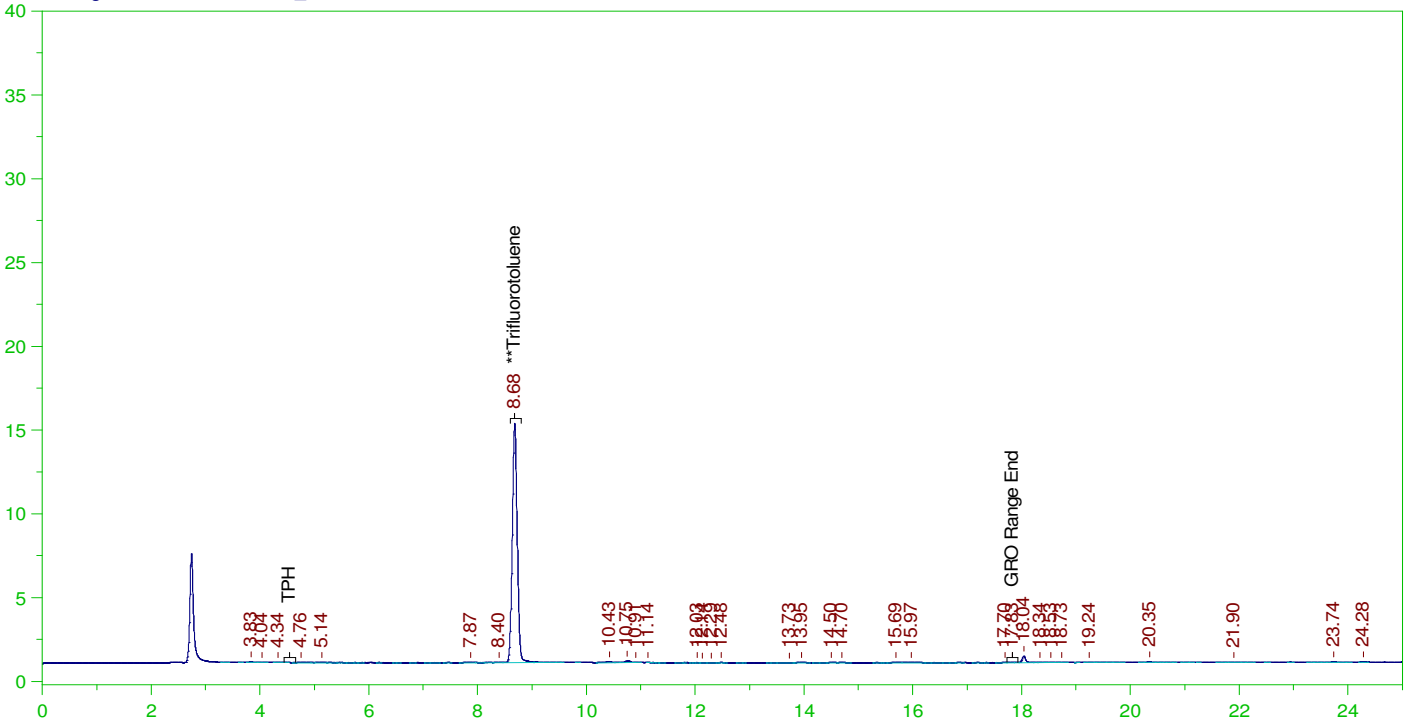
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.687 | 125. | 103.36 | 82.69 | - |

GRO Area:2262.023 GRO Amount: 2.391226
TPH Area:3364.314 TPH Amount: 3.699522

**ERH2351 (Trip Blank) 14653**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0045.RAW B22010411-003A ;0111PE1 , $HC-8015-GRO-W,




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010411-003A ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0045.RAW
Date & Time Acquired: 1/12/2022 10:56:49 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

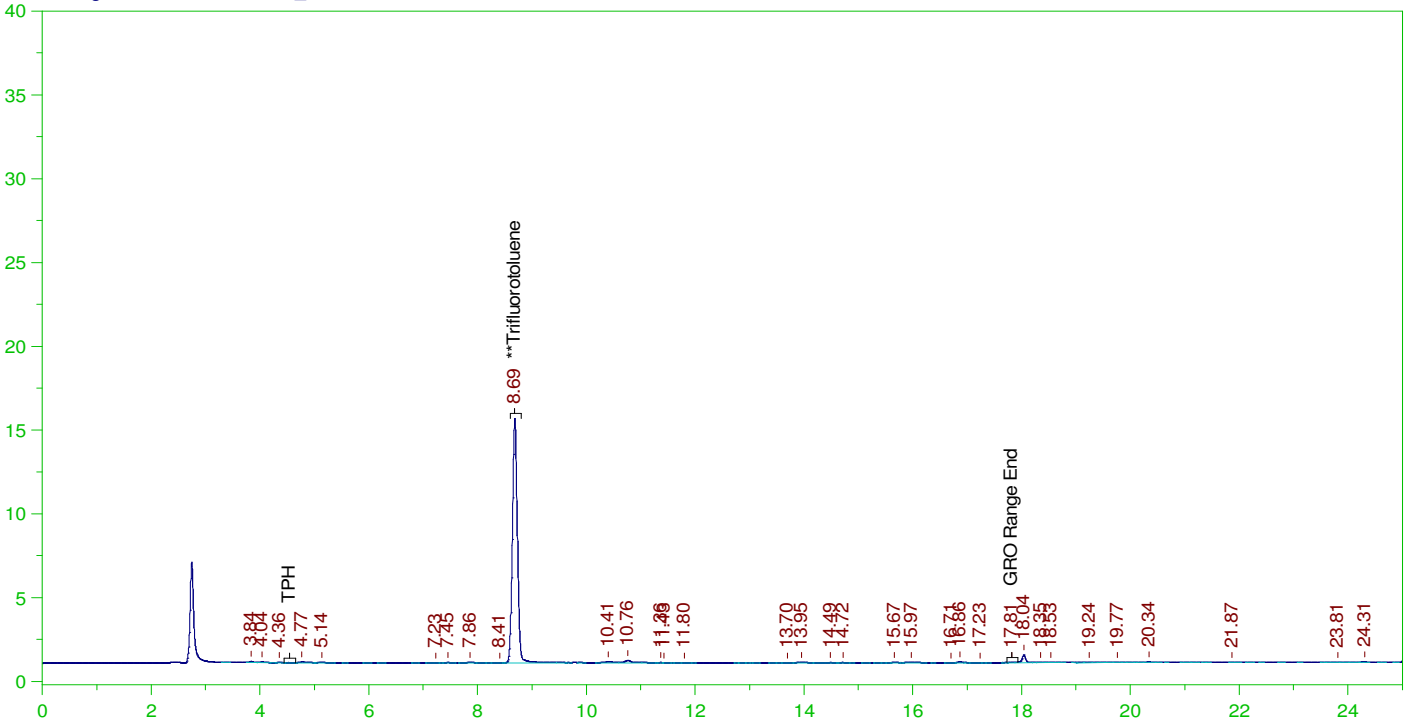
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 25. | 19.317 | 77.27 | - |

GRO Area:4537.256 GRO Amount: 0.9592834
TPH Area:8140.94 TPH Amount: 1.790415

**ERH2345 (Trip Blank) 14653**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0046.RAW B22010413-003A ;0111PE1 , $HC-8015-GRO-W,




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010413-003A ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0046.RAW
Date & Time Acquired: 1/12/2022 11:31:07 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

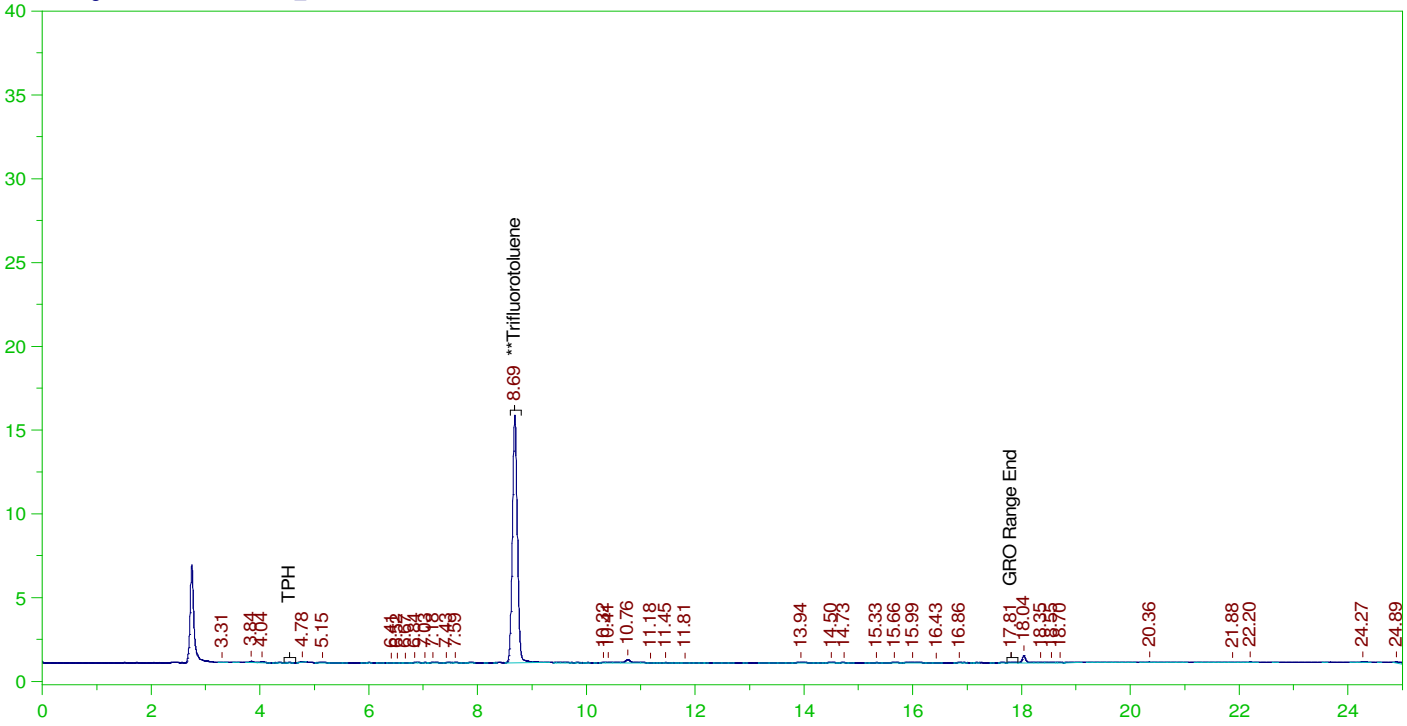
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.686 | 25. | 19.884 | 79.53 | - |

GRO Area:6117.467 GRO Amount: 1.293377
TPH Area:10491.46 TPH Amount: 2.307358

**ERH2359 (Trip Blank) 14653**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0047.RAW B22010361-003A ;0111PE1 , $HC-8015-GRO-W,




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010361-003A ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0047.RAW
Date & Time Acquired: 1/12/2022 12:05:26 PM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

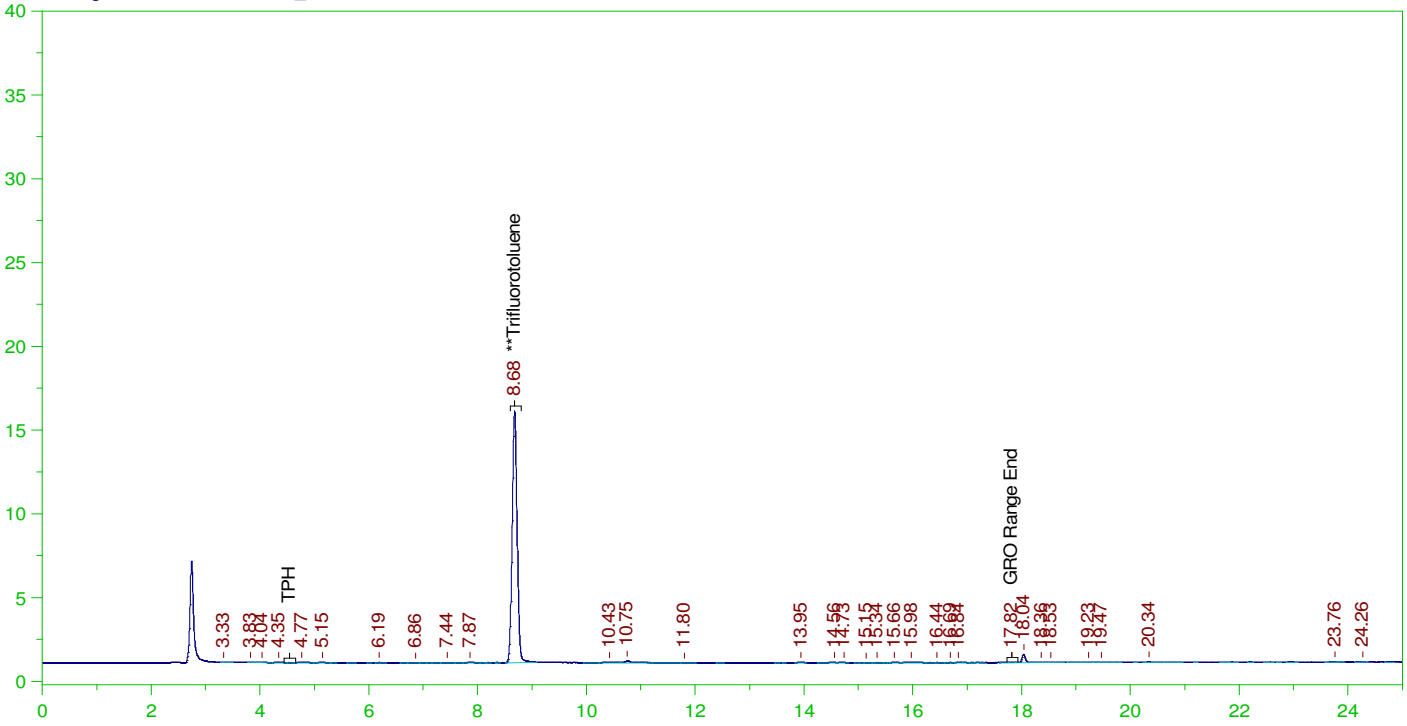
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.686 | 25. | 19.93 | 79.72 | - |

GRO Area:6413.458 GRO Amount: 1.355957
TPH Area:10837.31 TPH Amount: 2.38342

**ERH2359 (Trip Blank) 14653**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0048.RAW B22010410-003A ;0111PE1 , $HC-8015-GRO-W,




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010361-003A ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0048.RAW
Date & Time Acquired: 1/12/2022 12:39:48 PM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

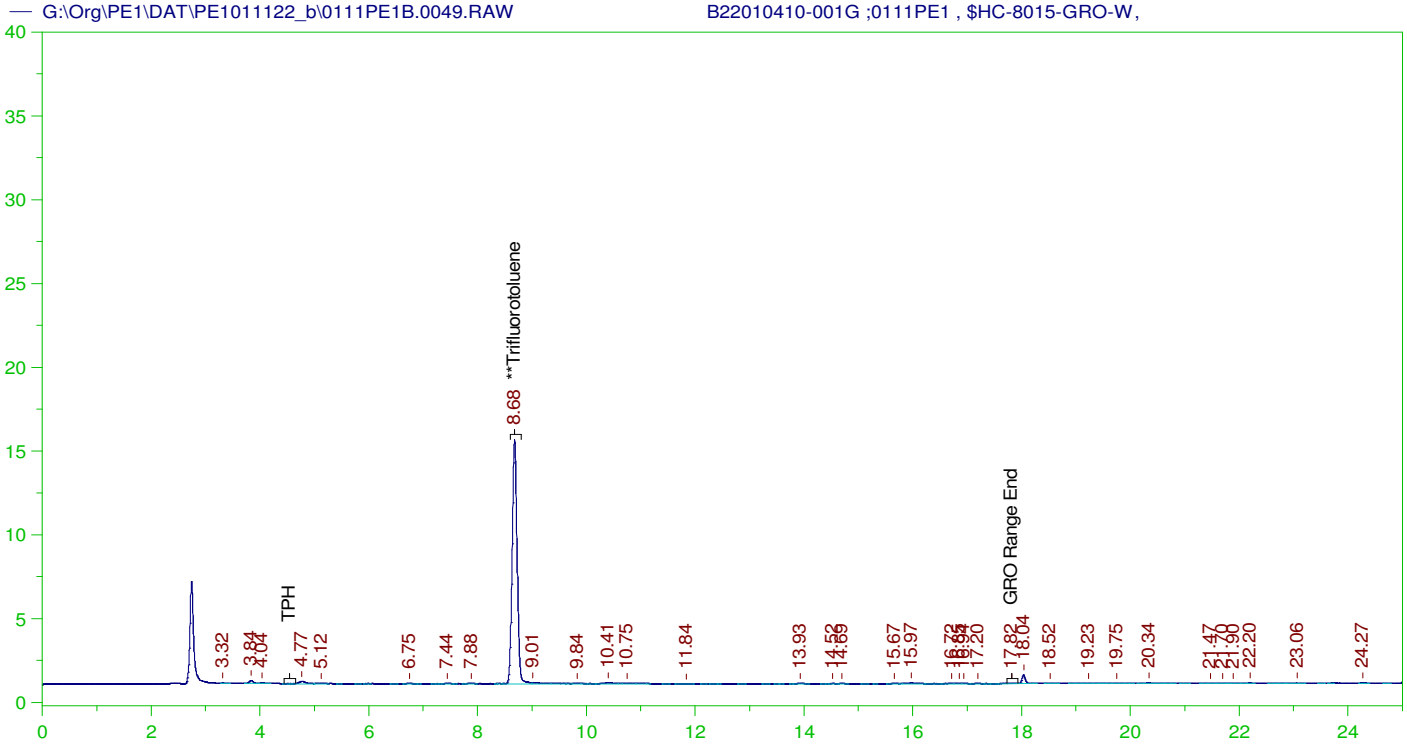
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.682 | 25. | 20.204 | 80.82 | - |

GRO Area:4261.465 GRO Amount: 0.9009748
TPH Area:7929.604 TPH Amount: 1.743936

**ERH2354 (RHMW16)**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0049.RAW B22010410-001G ;0111PE1 , $HC-8015-GRO-W,



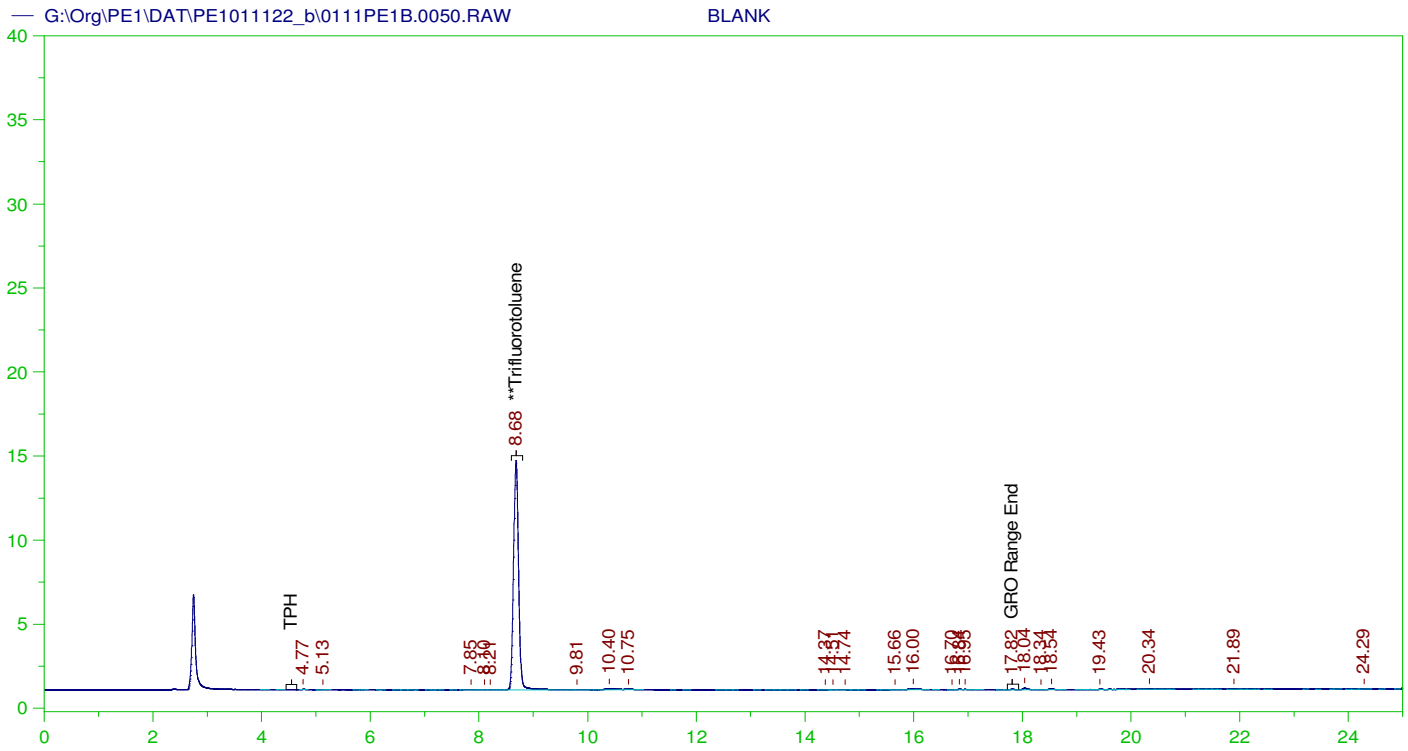

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010410-001G ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0049.RAW
Date & Time Acquired: 1/12/2022 1:13:58 PM
Method File: G:\Org\PE1\Methods\211208G410-1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.681 | 25. | 19.731 | 78.92 | - |

GRO Area:6047.803 GRO Amount: 1.278649
TPH Area:11082.44 TPH Amount: 2.43733




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0050.RAW
Date & Time Acquired: 1/12/2022 1:48:06 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

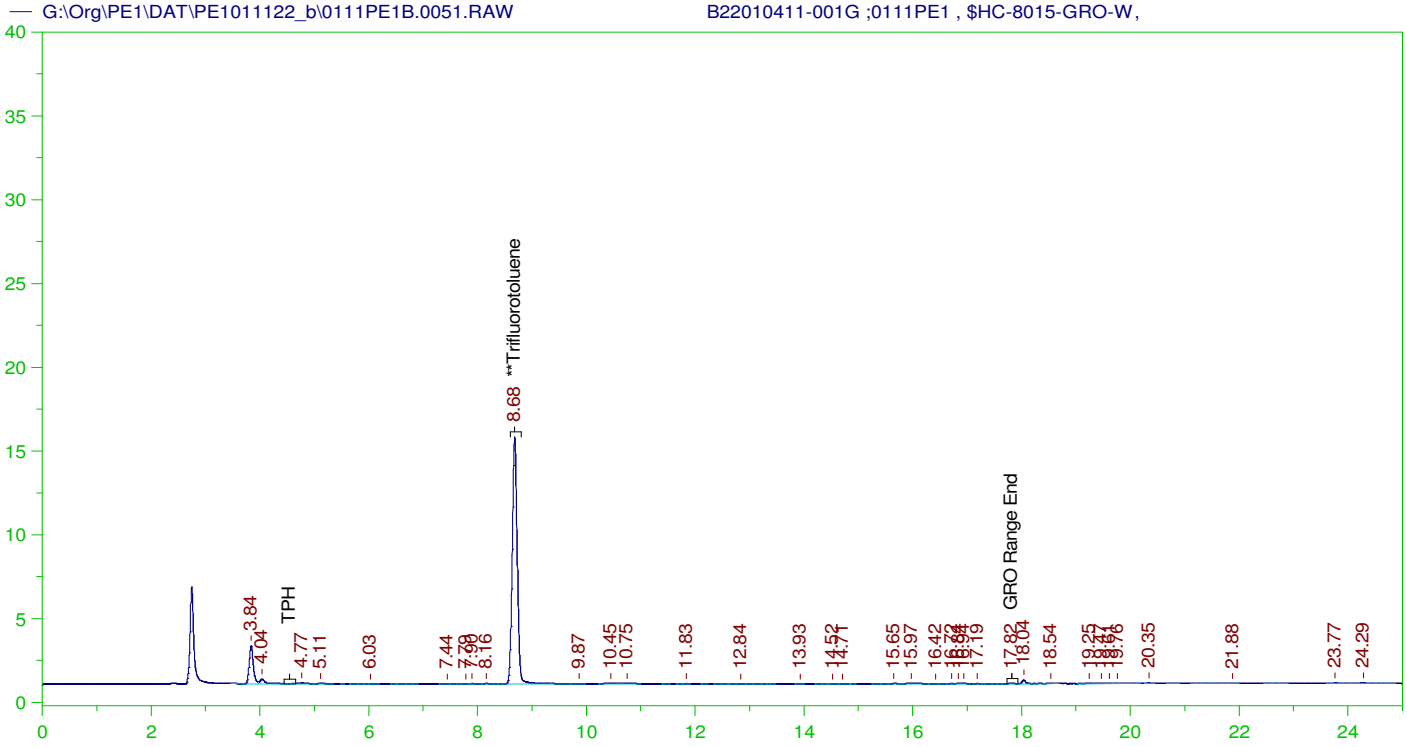
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.683 | 125. | 92.915 | 74.33 | - |

GRO Area:3956.844 GRO Amount: 4.182853
TPH Area:5958.017 TPH Amount: 6.551652

**ERH2352 (RHMW13 zone 5)**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0051.RAW B22010411-001G ;0111PE1 , $HC-8015-GRO-W,



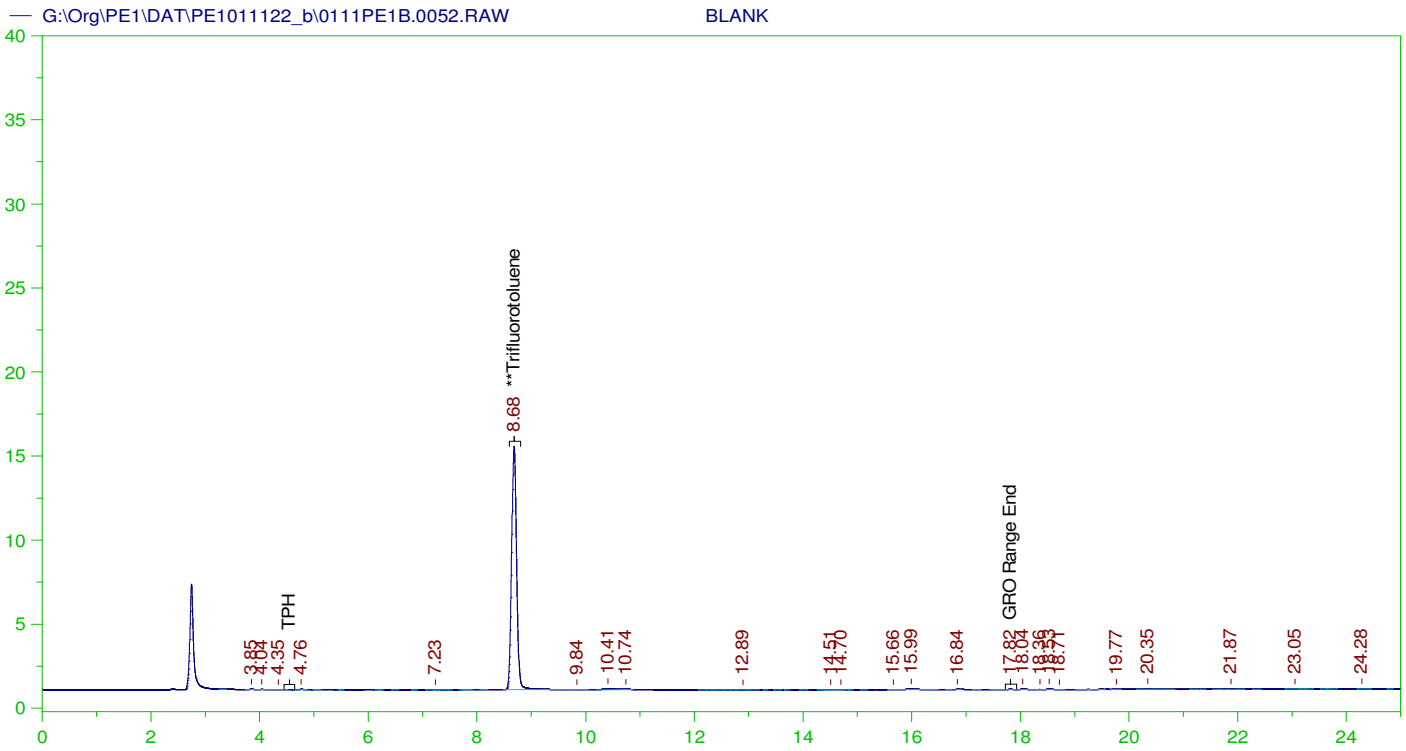

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010411-001G ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0051.RAW
Date & Time Acquired: 1/12/2022 2:22:19 PM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.683 | 25. | 20.122 | 80.49 | - |

GRO Area:4448.605 GRO Amount: 0.9405405
TPH Area:21035.46 TPH Amount: 4.626271




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0052.RAW
Date & Time Acquired: 1/12/2022 2:56:33 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

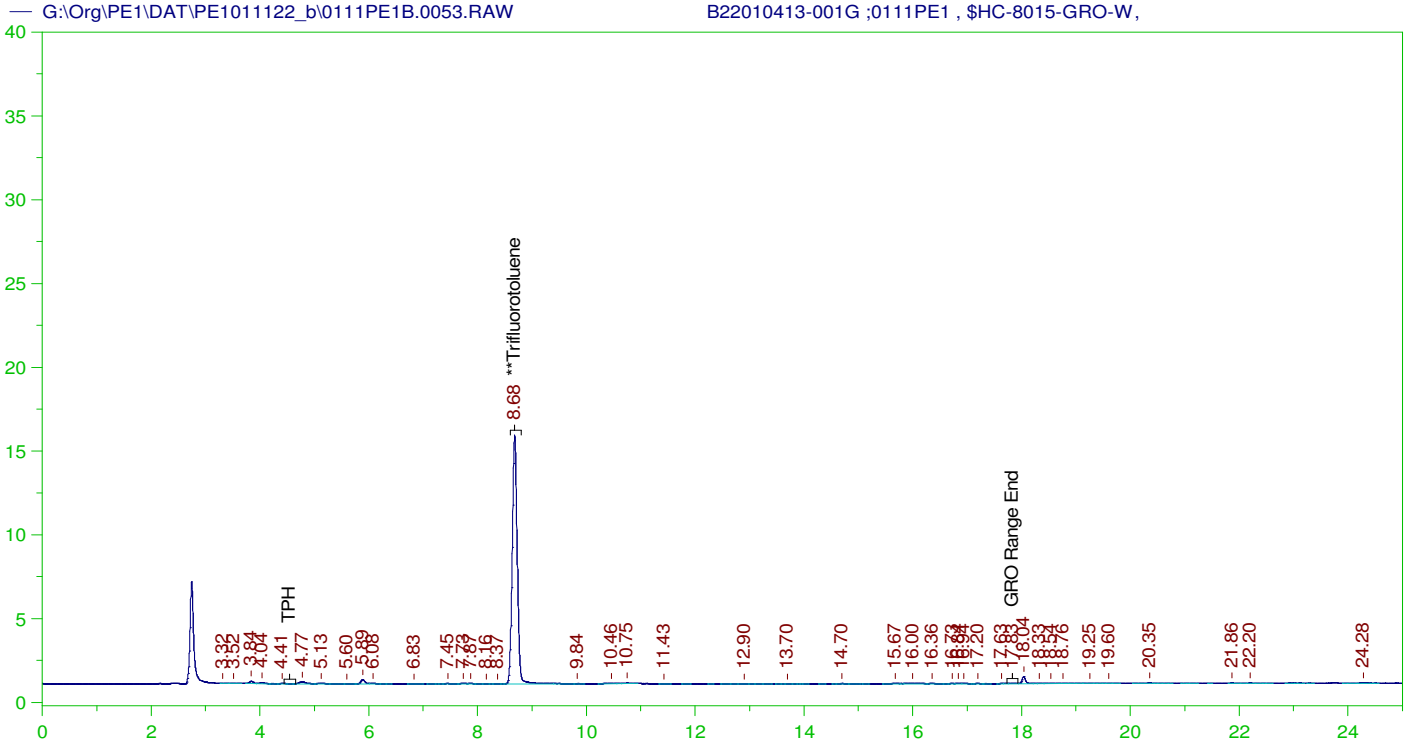
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 125. | 98.742 | 78.99 | - |

GRO Area:2877.486 GRO Amount: 3.041843
TPH Area:4765.239 TPH Amount: 5.24003

**ERH2346 (OWDFMW05A)**

G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0053.RAW B22010413-001G ;0111PE1 , $HC-8015-GRO-W,



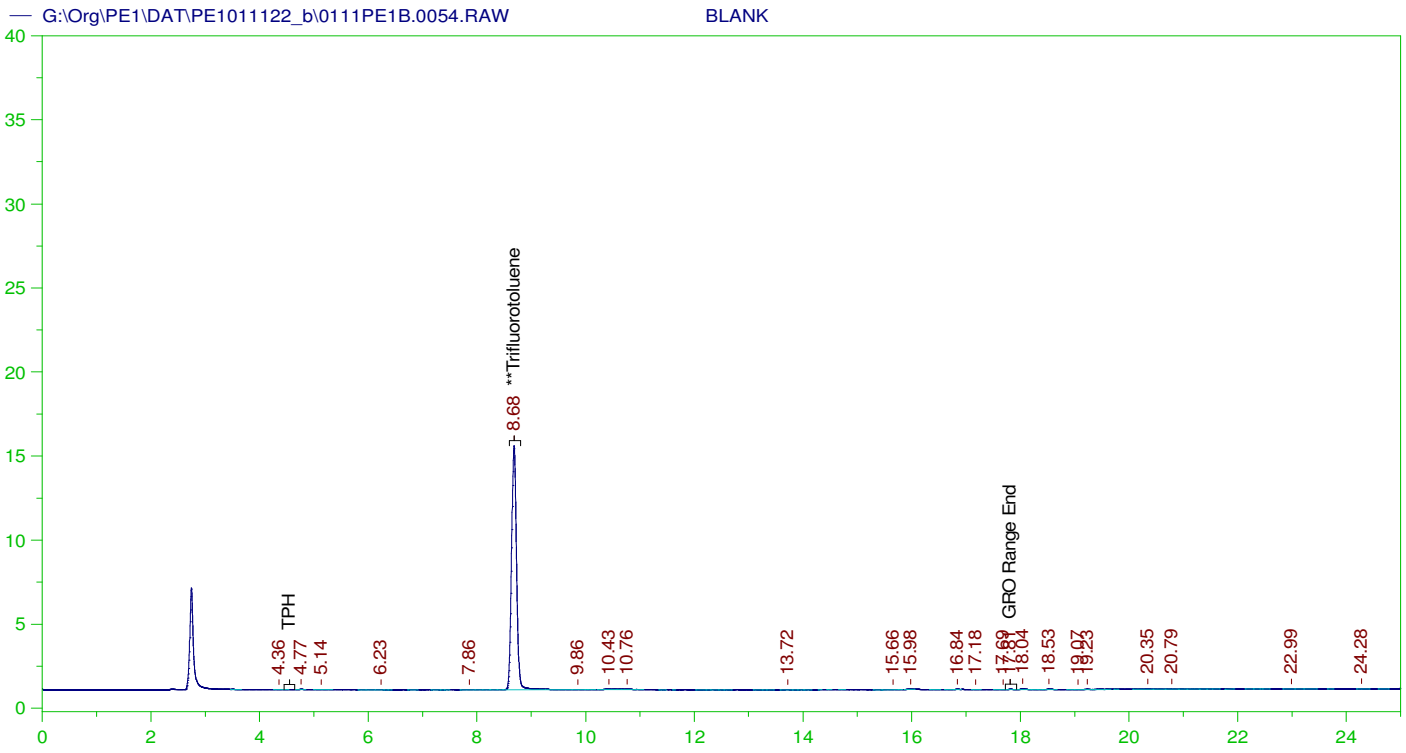

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010413-001G ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0053.RAW
Date & Time Acquired: 1/12/2022 3:30:47 PM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.683 | 25. | 20.253 | 81.01 | - |

GRO Area:6209.77 GRO Amount: 1.312893
TPH Area:11121.25 TPH Amount: 2.445867



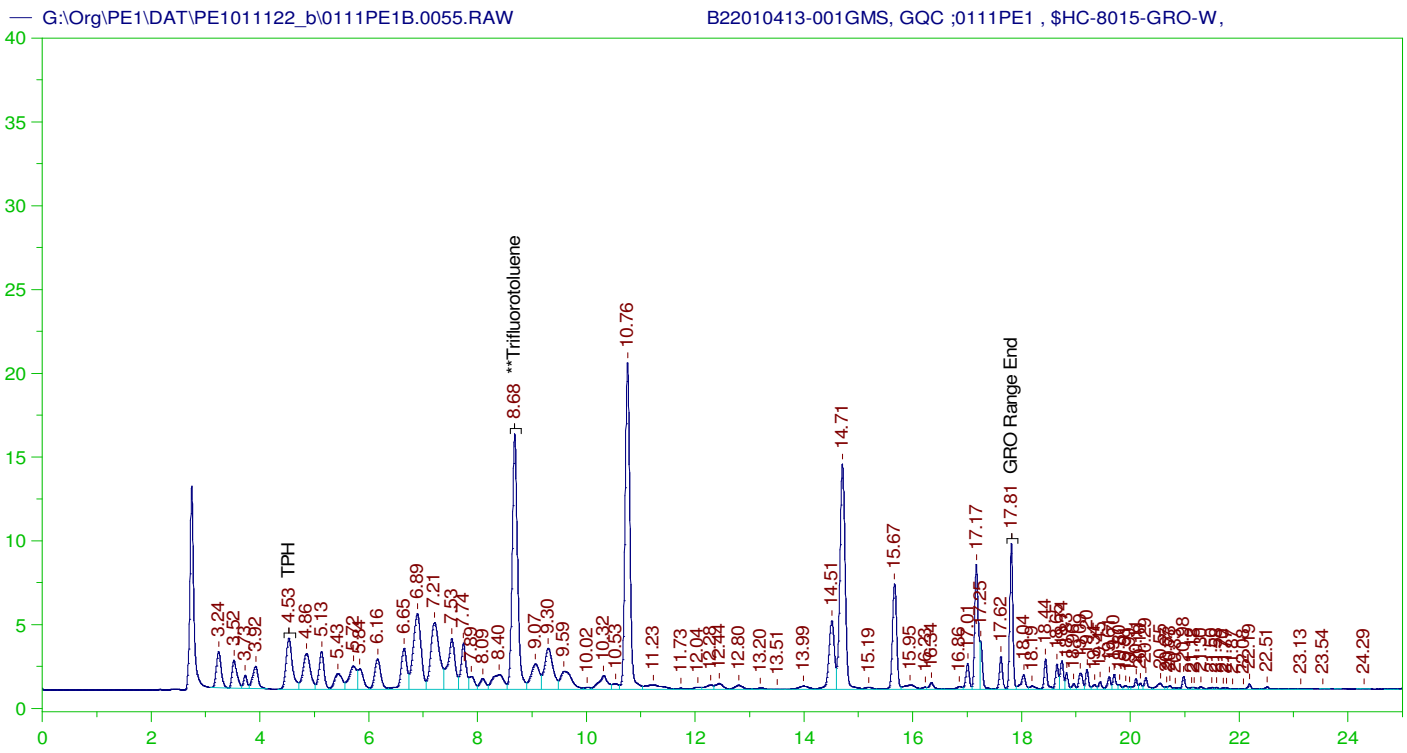

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0054.RAW
Date & Time Acquired: 1/12/2022 4:05:02 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.682 | 125. | 98.668 | 78.93 | - |

GRO Area:2394.476 GRO Amount: 2.531244
TPH Area:4006.37 TPH Amount: 4.405551



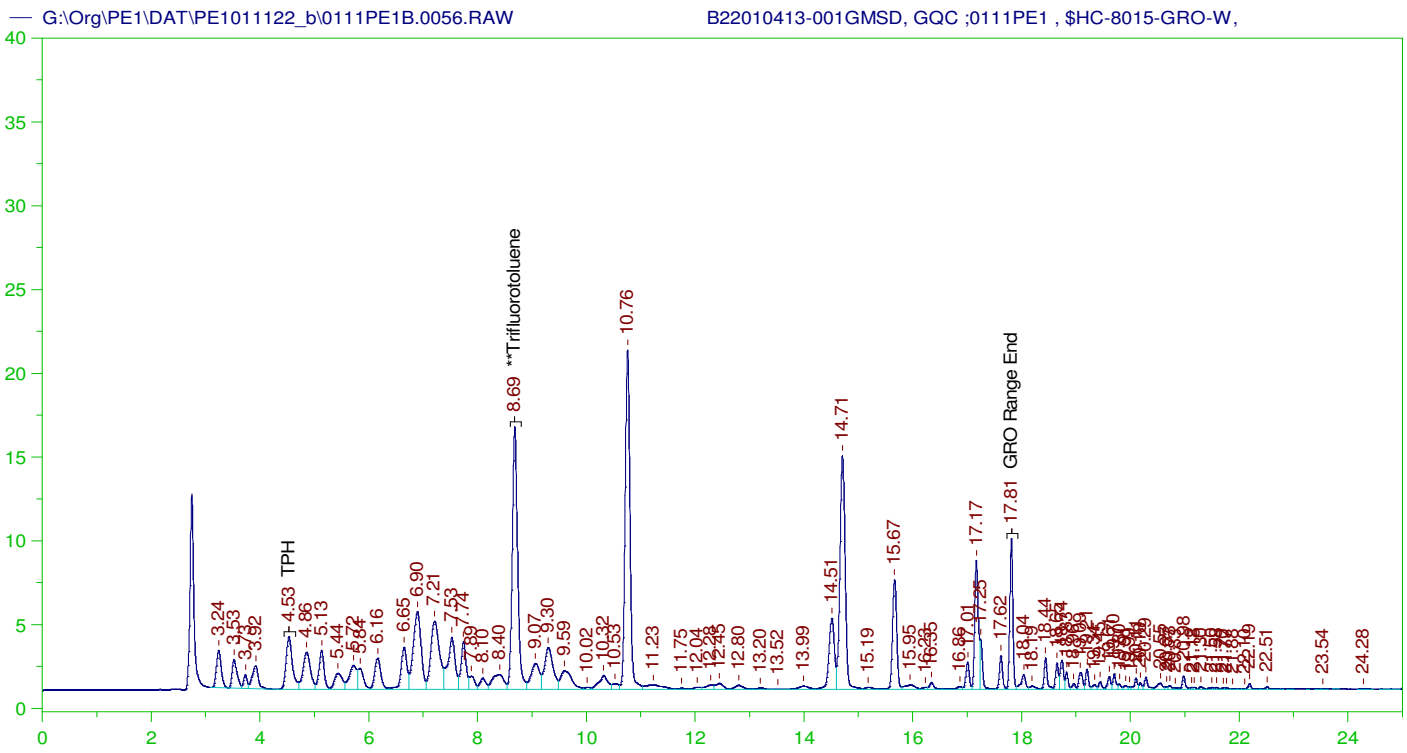

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010413-001GMS, GQC ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0055.RAW
Date & Time Acquired: 1/12/2022 4:39:20 PM
Method File: G:\Org\PE1\Methods\211208G413-1MSB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.684 | 25. | 22.298 | 89.19 | - |

GRO Area:760345.8 GRO Amount: 160.7551
TPH Area:870900.3 TPH Amount: 191.5347



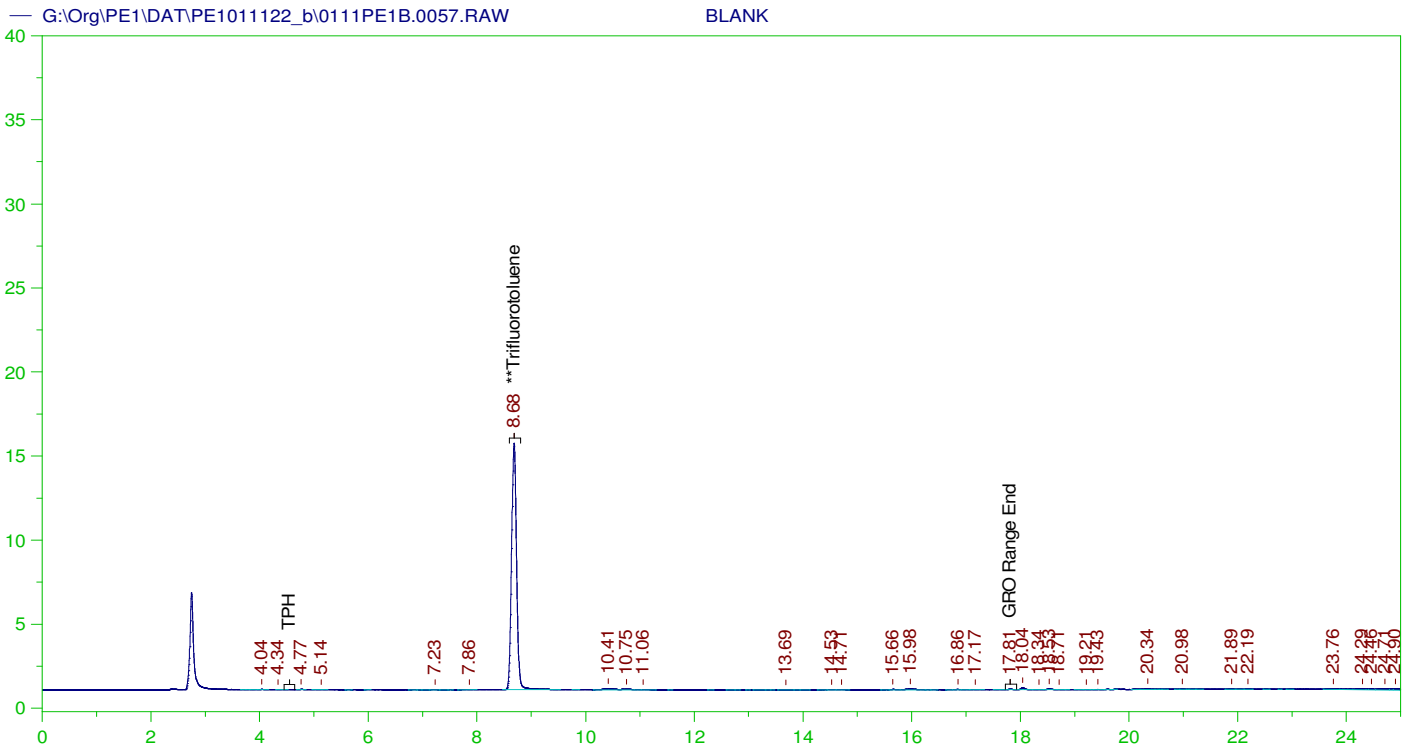

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22010413-001GMSD, GQC ;0111PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0056.RAW
Date & Time Acquired: 1/12/2022 5:13:41 PM
Method File: G:\Org\PE1\Methods\211208G413-1MSDB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.685 | 25. | 22.936 | 91.74 | - |

GRO Area:783868.5 GRO Amount: 165.7284
TPH Area:899002.4 TPH Amount: 197.7151



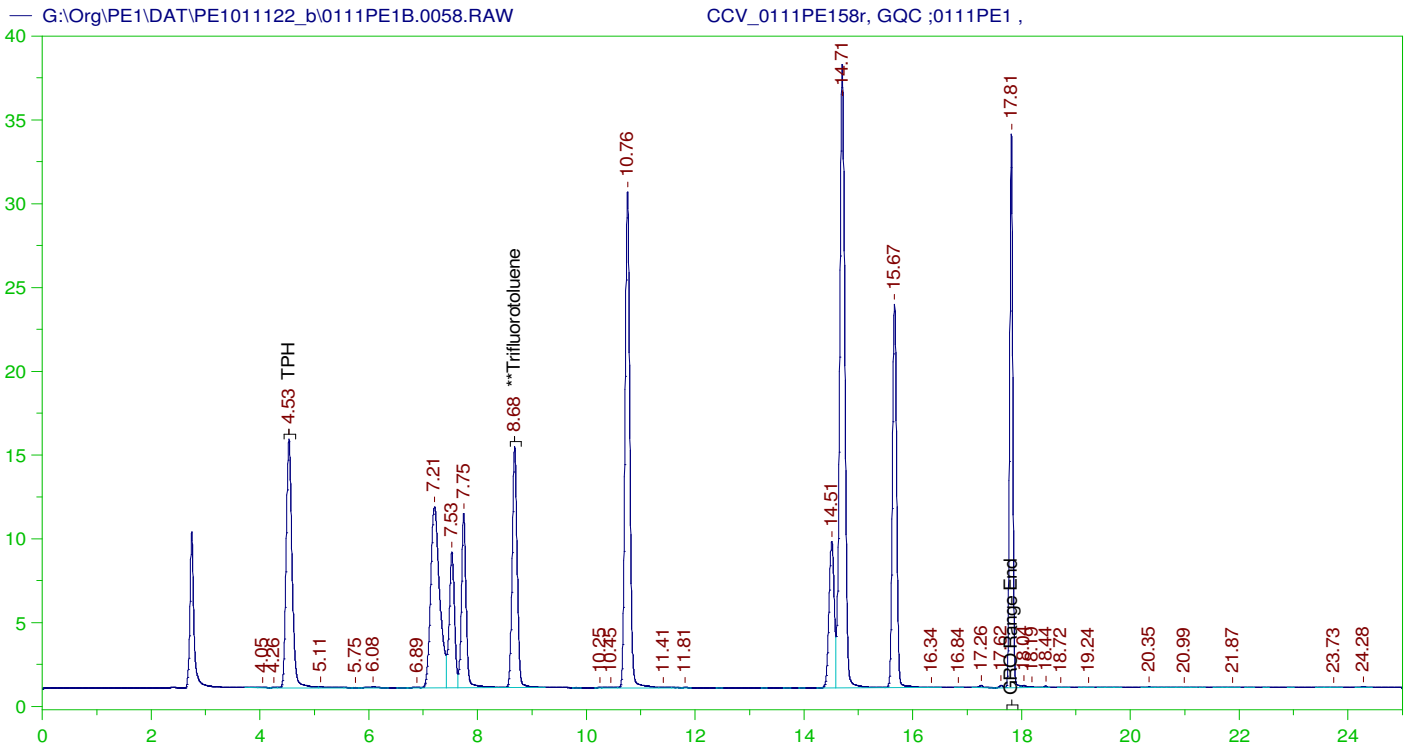

**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0057.RAW
Date & Time Acquired: 1/12/2022 5:48:03 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.683 | 125. | 99.617 | 79.69 | - |

GRO Area:3785.469 GRO Amount: 4.001689
TPH Area:7887.619 TPH Amount: 8.673512




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV_0111PE158r, GQC ;0111PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0058.RAW
Date & Time Acquired: 1/12/2022 6:22:28 PM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

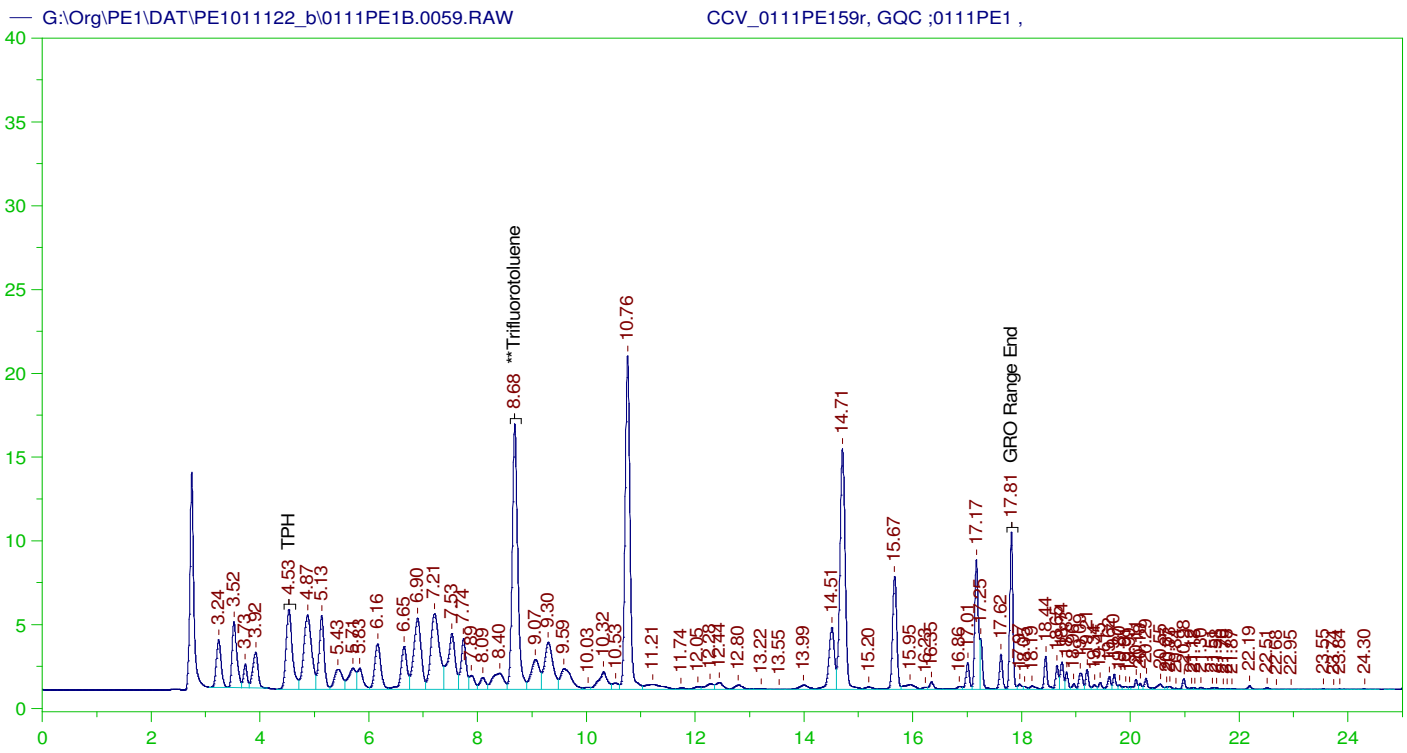
| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.682 | 125. | 97.433 | 77.95 | - |

GRO Area:1101512 GRO Amount: 1164.428
TPH Area:1103771 TPH Amount: 1213.746

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0058.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 1164.43 | 138.62 | 85-115 |
| TPH | 1000. | 1213.75 | 121.37 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.682 | 125. | 97.433 | 77.95 | 85-115 |




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV_0111PE159r, GQC ;0111PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0059.RAW
Date & Time Acquired: 1/12/2022 6:56:40 PM
Method File: G:\Org\PE1\Methods\211208GCCV0111_59B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

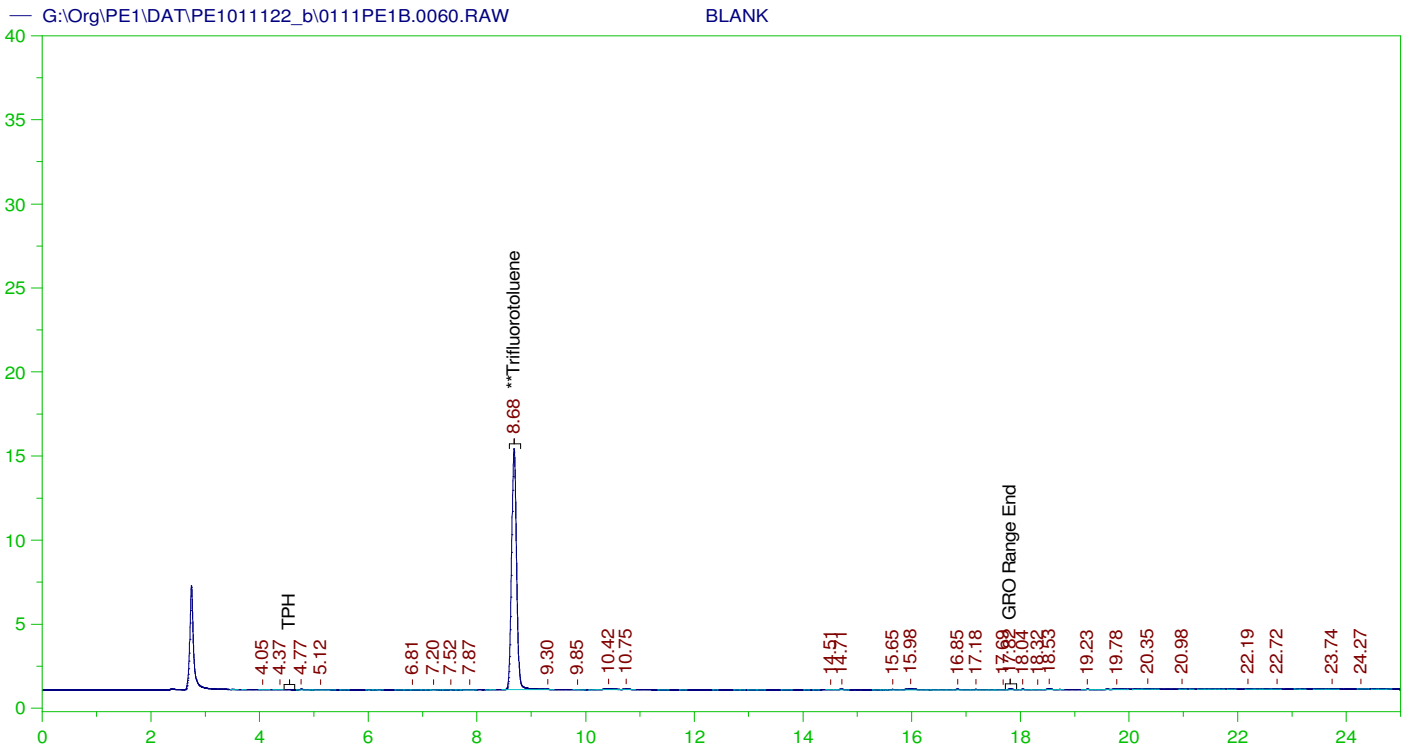
| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.685 | 125. | 118.028 | 94.42 | - |

GRO Area:861403.2 GRO Amount: 910.6052
TPH Area:994359.9 TPH Amount: 1093.434

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0059.RAW

| COMPOUND | ACTUAL(NG) | MEASURED(NG) | %RECOVERY | LIMITS |
|---|---|---|---|---|
| GRO | 840. | 910.61 | 108.41 | 85-115 |
| TPH | 1000. | 1093.43 | 109.34 | 85-115 |

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | LIMITS |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.685 | 125. | 118.028 | 94.42 | 85-115 |




**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011122_b\0111PE1B.0060.RAW
Date & Time Acquired: 1/12/2022 7:30:52 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

| SURROGATE COMPOUND | RT | ACTUAL | MEASURED | %REC | |
|---|---|---|---|---|---|
| **Trifluorotoluene | 8.683 | 125. | 97.172 | 77.74 | - |

GRO Area:3878.604 GRO Amount: 4.100143
TPH Area:5526.917 TPH Amount: 6.077599

| Write Sequence<br>Data File | Insert Entries(Have the first cell for entries selecte<br>Sample Name | Method | Weight | Dil Factor | Amt Inj. | IS | Cal ID | Manual Integrations |
|---|---|---|---|---|---|---|---|---|
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.01r | CCV_0111PE101r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.02r | CCV_0111PE102r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.03r | LCS_0111PE103r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.04r | MBLK_0111PE104r, QC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.05r | B22010260-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.06r | B22010338-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.07r | *B22010361-003A ;0111PE1 , $HC-8015-GRO-W,* | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.08r | B22010366-004A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.09r | B22010369-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.10r | B22010369-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.11r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.12r | B22010369-001GMS, GQC ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.13r | B22010369-001GMSD, GQC ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.14r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.15r | B22010403-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.16r | B22010405-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.17r | B22010406-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.18r | B22010409-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.19r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.20r | CCV_0111PE120r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.21r | CCV_0111PE121r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.22r | LCS_0111PE122r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.23r | MBLK_0111PE123r, QC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.24r | B22010260-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.25r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.26r | B22010338-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.27r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.28r | B22010361-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.29r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.30r | B22010366-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.31r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.32r | B22010366-002D ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.33r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.34r | B22010403-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.35r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.36r | B22010405-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.37r | B22010406-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.38r | B22010409-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.39r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.40r | CCV_0111PE140r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.41r | CCV_0111PE141r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.42r | LCS_0111PE142r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.43r | MBLK_0111PE143r, QC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.44r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.45r | B22010411-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.46r | B22010413-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.47r | B22010361-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.48r | B22010410-003A ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.49r | B22010410-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.50r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.51r | B22010411-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.52r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.53r | B22010413-001G ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.54r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.55r | B22010413-001GMS, GQC ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.56r | B22010413-001GMSD, GQC ;0111PE1 , $HC-8015-GRO-W, | G:\Org\PE1\Methods\21120 | 5 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.57r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.58r | CCV_0111PE158r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.59r | CCV_0111PE159r, GQC ;0111PE1 , | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | To maintain continuous baseline and split closely eluting hydrocarbons |
| G:\Org\PE1\DAT\PE1011122_b\0111PE1.60r | BLANK | G:\Org\PE1\Methods\21120 | 1 | 1 | 1 | 1 | 0 | None |

Josie M Pickard
Chemist

Digitally signed by
Josie Pickard
Date: 2022.02.17 10:20:14 -07:00

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | GASL211208 | | |
| Standard Name | Low Gasoline Std. | Type: | Secondary |
| Date Prepared | 12/8/2021 | BY: | Josie Pickard |
| Date Expires: | 6/7/2023 | | |
| Department | GCVOA | Status: | Open |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |
| Comments: | concentration 0.42ug/ul | | |

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Methanol, Purge and Trap EB199 | 14400 | 0.9 | mL | 3/20/ |

**Final Volume:** 1 mL

| Stock Source | | Base Units | Amount Added |
|---|---|---|---|
| GAS210122 | Unleaded Gasoline Comp. Std.(2.0uL) | ug/mL | 0.1 mL |

| Analytes | CAS | Conc: | ug/mL |
|---|---|---|---|

Page: *1 of 1*

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | GAS210122 | | |
| Standard Name | Unleaded Gasoline Comp. Std.(2.0uL) | Type: | Secondary |
| Date Prepared | 1/22/2021 | BY: | Josie Pickard |
| Date Expires: | 6/7/2023 | | |
| Department | GCVOA | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |
| Comments: | Concentration : 4.2ug/ul | | |

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Methanol, Purge and Trap DZ880 | 13323 | 10 | mL | 9/18/ |

**Final Volume:** 10 mL

| **Stock Source** | | **Base Units** | **Amount Added** |
|---|---|---|---|
| GASH210122 | Unleaded Gasoline Composite | ug/mL | 0.84 mL |

| **Analytes** | **CAS** | Conc: | **ug/mL** |
|---|---|---|---|

Page: *1 of 1*

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | GASH210122 | | |
| Standard Name | Unleaded Gasoline Composite | Type: | Primary |
| Date Prepared | 1/22/2021 | BY: | Josie Pickard |
| Date Expires: | 6/7/2023 | | |
| Department | GCVOA | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |

Comments: Concetration : 50,000 ug/ml

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Methanol, Purge and Trap DZ880 | 13323 | 10 | mL | 9/18/ |

**Final Volume:** 10 mL

| **Stock Source** | | **Base Units** | **Amount Added** |
|---|---|---|---|
| 3GAS160127 | Alaska Gasoline Calibration Mix Versio | ug/mL | 0.5022 g |

| **Analytes** | **CAS** | Conc: | **ug/mL** |
|---|---|---|---|

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | 3GAS160127 | | |
| Standard Name | Alaska Gasoline Calibration Mix Version 4/8/0 | Type: | Neat |
| Date Prepared | 1/27/2016 | BY: | Josie Pickard |
| Date Expires: | 6/7/2023 | | |
| Department | GCVOA | Status: | New |
| Vendor: | Accustandard | | |
| Lot Number: | 213051468 | | |
| Balance ID: | | | |

Comments: 33% of each gasoline Date prepared is date received Assay ran 2/1/16 on PE1; GRO equals 84% of TPH jmp 2/1/16

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Alaska Gasoline Calibration Mix Versio | 8120 | 5 | mL | 6/7/2 |

**Final Volume:** 5 mL

| **Stock Source** | **Base Units** | **Amount Added** |
|---|---|---|
| **Analytes** | **CAS** | Conc: **ug/mL** |

125 Market Street
New Haven, CT 06513
USA

AccuStandard, Inc.

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

# CERTIFICATE OF ANALYSIS

**Catalog No:** GRO-AK-101-GCS-R1
**Description:** Alaska Gasoline Calibration Mix Version 4/8/02
**Lot:** 213051468
**Solvent:** N/A
**Hazards:** **HIGHLY FLAMMABLE** - *Refer to SDS for safety info*

Danger 2

**Date Certified:** Jun 7, 2013
**Expiration:** Jun 7, 2023
**Sample Size:** 1 mL
**Components:** 3
**Storage Condition:** Ambient (>5 °C)

Included on ISO/IEC 17025 Scope of Accreditation: Yes

Included on ISO Guide 34 Scope of Accreditation: Yes

| Component | CAS # | Purity % (GC/FID) | Prepared Concentration[1] (%w/w) | Certified Analyte Concentration[2] (%w/w) |
|---|---|---|---|---|
| Gasoline - Regular, unleaded | 8006-61-9 | Tech Mix | 33.30 | 33.30 |
| Gasoline - Plus, unleaded | 8006-61-9 | Tech Mix | 33.40 | 33.40 |
| Gasoline - Premium, unleaded | 8006-61-9 | Tech Mix | 33.30 | 33.30 |

ID #: 8120
Opened:
Alaska Gasoline Calibration Mix Version 4/8/0
Expires: 6/7/2023
Rec'd 1/27/2016
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[1] All weighs are traceable through NIST, Test No. 822-275872-11

[2] Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values:
A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

See reverse side for additional information

Certified By:
Larry Decker, Organic QC Manager

*Page 1 of 1*

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QR-ORGINO-001
Rev. 011

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | TFTL211208 | | |
| Standard Name | TFTL | Type: | Secondary |
| Date Prepared | 12/8/2021 | BY: | Josie Pickard |
| Date Expires: | 9/10/2029 | | |
| Department | GCVOA | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |
| Comments: | Final concentration :0.01mg/mL | | |

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Methanol, Purge and Trap EB199 | 14400 | 0.9 | mL | 3/20/ |

**Final Volume:** 1 mL

| Stock Source | | Base Units | Amount Added |
|---|---|---|---|
| TFTM211208 | TFTM | ug/mL | 0.1 mL |

| Analytes | CAS | Conc: | ug/mL |
|---|---|---|---|

Page: *1 of 1*

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | TFTM211208 | | |
| Standard Name | TFTM | Type: | Secondary |
| Date Prepared | 12/8/2021 | BY: | Josie Pickard |
| Date Expires: | 9/10/2029 | | |
| Department | GCVOA | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |
| Comments: | Final concentration :0.1mg/mL | | |

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Methanol, Purge and Trap EB199 | 14400 | 0.9 | mL | 3/20/ |

**Final Volume:** 1 mL

| Stock Source | | Base Units | Amount Added |
|---|---|---|---|
| TFT211208 | TFT (1.05uL) | ug/mL | 0.1 mL |

| Analytes | CAS | Conc: | ug/mL |
|---|---|---|---|

Page: *1 of 1*

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | TFT211208 | | |
| Standard Name | TFT (1.05uL) | Type: | Secondary |
| Date Prepared | 12/8/2021 | BY: | Josie Pickard |
| Date Expires: | 9/10/2029 | | |
| Department | GCVOA | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |

Comments: Final concentration : 1.0mg/mL

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Methanol, Purge and Trap EB199 | 14400 | 1.9 | mL | 3/20/ |

**Final Volume:** 2 mL

| **Stock Source** | | **Base Units** | **Amount Added** |
|---|---|---|---|
| TFTS210607 | TFT Stock | ug/mL | 0.1 mL |

| **Analytes** | **CAS** | Conc: | **ug/mL** |
|---|---|---|---|

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | TFTS210607 | | |
| Standard Name | TFT Stock | Type: | Primary |
| Date Prepared | 6/7/2021 | BY: | Josie Pickard |
| Date Expires: | 9/10/2029 | | |
| Department | GCVOA | Status: | New |
| Vendor: | Accustandard | | |
| Lot Number: | 219091095 | | |
| Balance ID: | | | |

Comments: 20mg/ml in Meoh Date prepared is date received.

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| a,a,a-Trifluorotoluene | 13921 | 10 | mL | 9/10/ |

**Final Volume:** 10 mL

| **Stock Source** | **Base Units** | **Amount Added** |
|---|---|---|
| **Analytes** | **CAS** | Conc: **ug/mL** |

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# CERTIFICATE OF ANALYSIS

**Catalog No:** M-602-SS-100X
**Description:** a,a,a-Trifluorotoluene
**Lot:** 219091095
**Solvent:** Methanol
**Hazards:** *Refer to SDS for complete safety information*

**Signal Word: Danger**

**Date Certified:** Sep 10, 2019
**Expiration:** Sep 10, 2029
**Sample Size:** 1 mL
**Components:** 1
**Storage Condition:** Ambient (>5 °C)

**Certified Reference Material**

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

| Component | CAS # | Purity % (GC/MS) | Prepared Concentration² (mg/mL) | Certified Analyte Concentration¹ (mg/mL) |
|---|---|---|---|---|
| a,a,a-Trifluorotoluene | 98-08-8 | 99.9 | 20.01 | 19.99 |

**ID #: 13921**
Opened:_____
a,a,a-Trifluorotoluene
**Expires: 9/10/2029**
Rec'd: 6/7/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.



Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager



*For use in routine laboratory analysis.*

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | GQC201214 | | |
| Standard Name | Gasoline Composite Mix (1.68uL) | Type: | Primary |
| Date Prepared | 12/14/2020 | BY: | Josie Pickard |
| Date Expires: | 4/2/2030 | | |
| Department | GCVOA | Status: | New |
| Vendor: | Accustandard | | |
| Lot Number: | 220031562 | | |
| Balance ID: | | | |

Comments: 5000 ug/mL in MeOH Date prepared is date received; Assay run 4/1/21 on Pe1 GRO range equals 85% jmp, mistyped the date received. The date received was 12/17/20 jmp

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Gasoline Composite Mix | 13338 | 5 | mL | 4/2/2 |

**Final Volume:** 5 mL

**Stock Source** **Base Units** **Amount Added**

**Analytes** **CAS** Conc: **ug/mL**

Page: *1 of 1*

Josie

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# CERTIFICATE OF ANALYSIS

**Catalog No:** GRO-AK-101-GCS
**Description:** Gasoline Composite Mix
**Lot:** 220031562
**Solvent:** Methanol
**Hazards:** *Refer to SDS for complete safety information*

**Signal Word: Danger**

**Date Certified:** Apr 2, 2020
**Expiration:** Apr 2, 2030
**Sample Size:** 1 mL
**Components:** 3
**Storage Condition:** Ambient (>5 °C)

**Certified Reference Material**

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

| Component | CAS # | Purity % (GC/MS) | Prepared Concentration[2] (µg/mL) | Certified Analyte Concentration[1] (µg/mL) |
|---|---|---|---|---|
| Gasoline - Premium, unleaded | N/A | Tech Mix | 1660 | 1660 |
| Gasoline - Regular, leaded | N/A | Tech Mix | 1674 | 1674 |
| Gasoline - Regular, unleaded | N/A | Tech Mix | 1673 | 1673 |

**ID #: 13338**
Opened:_____
Gasoline Composite Mix
**Expires: 4/2/2030**
Rec'd: 12/17/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.



Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager



*For use in routine laboratory analysis.*

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | GAS210122 | | |
| Standard Name | Unleaded Gasoline Comp. Std.(2.0uL) | Type: | Secondary |
| Date Prepared | 1/22/2021 | BY: | Josie Pickard |
| Date Expires: | 6/7/2023 | | |
| Department | GCVOA | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |
| Comments: | Concentration : 4.2ug/ul | | |

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Methanol, Purge and Trap DZ880 | 13323 | 10 | mL | 9/18/ |

**Final Volume:** 10 mL

| **Stock Source** | | **Base Units** | **Amount Added** |
|---|---|---|---|
| GASH210122 | Unleaded Gasoline Composite | ug/mL | 0.84 mL |

| **Analytes** | **CAS** | Conc: | **ug/mL** |
|---|---|---|---|

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | GASH210122 | | |
| Standard Name | Unleaded Gasoline Composite | Type: | Primary |
| Date Prepared | 1/22/2021 | BY: | Josie Pickard |
| Date Expires: | 6/7/2023 | | |
| Department | GCVOA | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |

Comments: Concetration : 50,000 ug/ml

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Methanol, Purge and Trap DZ880 | 13323 | 10 | mL | 9/18/ |

**Final Volume:** 10 mL

| **Stock Source** | | **Base Units** | **Amount Added** |
|---|---|---|---|
| 3GAS160127 | Alaska Gasoline Calibration Mix Versio | ug/mL | 0.5022 g |

| **Analytes** | **CAS** | Conc: | **ug/mL** |
|---|---|---|---|

Page: *1 of 1*

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | 3GAS160127 | | |
| Standard Name | Alaska Gasoline Calibration Mix Version 4/8/0 | Type: | Neat |
| Date Prepared | 1/27/2016 | BY: | Josie Pickard |
| Date Expires: | 6/7/2023 | | |
| Department | GCVOA | Status: | New |
| Vendor: | Accustandard | | |
| Lot Number: | 213051468 | | |
| Balance ID: | | | |

Comments: 33% of each gasoline Date prepared is date received Assay ran 2/1/16 on PE1; GRO equals 84% of TPH jmp 2/1/16

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Alaska Gasoline Calibration Mix Versio | 8120 | 5 | mL | 6/7/2 |

**Final Volume:** 5 mL

| **Stock Source** | **Base Units** | **Amount Added** |
|---|---|---|
| **Analytes** | **CAS** | Conc: **ug/mL** |

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# CERTIFICATE OF ANALYSIS

**Catalog No:** GRO-AK-101-GCS-R1
**Description:** Alaska Gasoline Calibration Mix Version 4/8/02
**Lot:** 213051468
**Solvent:** N/A
**Hazards:** **HIGHLY FLAMMABLE** - *Refer to SDS for safety info*

Danger 2

**Date Certified:** Jun 7, 2013
**Expiration:** Jun 7, 2023
**Sample Size:** 1 mL
**Components:** 3
**Storage Condition:** Ambient (>5 °C)

Included on ISO/IEC 17025 Scope of Accreditation: Yes

Included on ISO Guide 34 Scope of Accreditation: Yes

| Component | CAS # | Purity % (GC/FID) | Prepared Concentration[1] (%w/w) | Certified Analyte Concentration[2] (%w/w) |
|---|---|---|---|---|
| Gasoline - Regular, unleaded | 8006-61-9 | Tech Mix | 33.30 | 33.30 |
| Gasoline - Plus, unleaded | 8006-61-9 | Tech Mix | 33.40 | 33.40 |
| Gasoline - Premium, unleaded | 8006-61-9 | Tech Mix | 33.30 | 33.30 |

ID #: 8120
Opened:
Alaska Gasoline Calibration Mix Version 4/8/0
Expires: 6/7/2023
Rec'd 1/27/2016
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

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[1] All weighs are traceable through NIST, Test No. 822-275872-11

[2] Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values:
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A period (.) is used as a decimal place marker.

See reverse side for additional information

Certified By:
Larry Decker, Organic QC Manager



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Rev. 011

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | TFT220106 | | |
| Standard Name | TFT (1.05uL) | Type: | Secondary |
| Date Prepared | 1/6/2022 | BY: | Josie Pickard |
| Date Expires: | 9/10/2029 | | |
| Department | GCVOA | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |
| Comments: | Final concentration : 1.0mg/mL | | |

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Methanol, Purge and Trap EB373 | 14519 | 1.9 | mL | 4/16/ |

**Final Volume:** 2 mL

| Stock Source | | Base Units | Amount Added |
|---|---|---|---|
| TFTS210607 | TFT Stock | ug/mL | 0.1 mL |

| Analytes | CAS | Conc: | ug/mL |
|---|---|---|---|

Page: *1 of 1*

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | TFTS210607 | | |
| Standard Name | TFT Stock | Type: | Primary |
| Date Prepared | 6/7/2021 | BY: | Josie Pickard |
| Date Expires: | 9/10/2029 | | |
| Department | GCVOA | Status: | New |
| Vendor: | Accustandard | | |
| Lot Number: | 219091095 | | |
| Balance ID: | | | |

Comments: 20mg/ml in Meoh Date prepared is date received.

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| a,a,a-Trifluorotoluene | 13921 | 10 | mL | 9/10/ |

**Final Volume:** 10 mL

| **Stock Source** | **Base Units** | **Amount Added** |
|---|---|---|
| **Analytes** | **CAS** | Conc: **ug/mL** |

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# CERTIFICATE OF ANALYSIS

**Catalog No:** M-602-SS-100X
**Description:** a,a,a-Trifluorotoluene
**Lot:** 219091095
**Solvent:** Methanol
**Hazards:** *Refer to SDS for complete safety information*

**Signal Word: Danger**

**Date Certified:** Sep 10, 2019
**Expiration:** Sep 10, 2029
**Sample Size:** 1 mL
**Components:** 1
**Storage Condition:** Ambient (>5 °C)

**Certified Reference Material**

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

| Component | CAS # | Purity % (GC/MS) | Prepared Concentration[2] (mg/mL) | Certified Analyte Concentration[1] (mg/mL) |
|---|---|---|---|---|
| a,a,a-Trifluorotoluene | 98-08-8 | 99.9 | 20.01 | 19.99 |

ID #: 13921
Opened:_____
a,a,a-Trifluorotoluene
**Expires: 9/10/2029**
Rec'd: 6/7/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

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[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.



Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

*Page 1 of 1*

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