Blood EtOH run
from
09-30-2013
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<td>2.767</td>
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**Coefficient of Determination (R²):**

- R² = 0.9999
- R² = 0.9981
- R² = 4.1%
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99.7% confidence for Cerilliant 0.080 solution.

This report is compiled by the analyst and may not completely or accurately reflect the information printed upon the corresponding evidential chromatograms.
### Sequence Name:
C:\msdchem\1\Sequence\093013.5

### Comment:
Casework samples - September 30, 2013

### Operator:
DS

### Data Path:
D:\DATA\ETOH13\093013\1

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**Method Sections To Run**  
Sequence Barcode Options

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### Line 1: Sample Name/Misc Info

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<td>1</td>
<td>Sample DIH2O+n-propanol</td>
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- **Vial:** 1 blank n-propanol Lot # 093013-NPW-01
- **Method:** ALCOHOLDIL6.M
- **Datafile:** 093013-001.D
- **Bar Code:** Samp Amt: 0  Multipl: 1
- **Area% Report:** Default  Lib. Search Rep.: Default
- **Quant Report:** Default  Post-Quant Macro: Default
- **CR Database:** Default  CR Spreadsheet : Default

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### Line 2: Blank DIH2O blank+(NH4)2SO4

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- **Method:** ALCOHOLDIL6.M
- **Datafile:** 093013-002.D
- **Bar Code:** Samp Amt: 0  Multipl: 1
- **Area% Report:** Default  Lib. Search Rep.: Default
- **Quant Report:** Default  Post-Quant Macro: Default
- **CR Database:** Default  CR Spreadsheet : Default

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### Line 3: Calibration 0.025 Cerilliant EtOH std

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- **Vial:** 3 Cerilliant EtOH std - FN0322210-01
- **Method:** ALCOHOLDIL6.M
- **Datafile:** 093013-003.D
- **LvId:** 1  UpdRF:Clear/UpdRT:Replace UpdQl:No Upd
- **Bar Code:** Samp Amt: 0  Multipl: 1
- **Area% Report:** Default  Lib. Search Rep.: Default
- **Quant Report:** Default  Post-Quant Macro: Default
- **CR Database:** Default  CR Spreadsheet : Default

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### Line 4: Calibration 0.050 Cerilliant EtOH std

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- **Vial:** 4 Cerilliant EtOH std - FN010912-01
- **Method:** ALCOHOLDIL6.M
- **Datafile:** 093013-004.D
- **LvId:** 2  UpdRF:Clear/UpdRT:Replace UpdQl:No Upd
- **Bar Code:** Samp Amt: 0  Multipl: 1
- **Area% Report:** Default  Lib. Search Rep.: Default
- **Quant Report:** Default  Post-Quant Macro: Default
- **CR Database:** Default  CR Spreadsheet : Default

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### Line 5: Calibration 0.100 Cerilliant EtOH std

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- **Vial:** 5 Cerilliant EtOH std - FN111711-01
- **Method:** ALCOHOLDIL6.M
- **Datafile:** 093013-005.D
- **LvId:** 3  UpdRF:Clear/UpdRT:Replace UpdQl:No Upd
6 Type: Calibration 0.200 Cerilliant EtOH std
Vial: 6 Cerilliant EtOH std - FN032712-01
Method: ALCOHOLDIL6.M
Datafile: 093013-006.D
LvId:4 UpdRF:Clear/ UpdRT:Replac UpdQt:No Upd
Bar Code: Samp Amt: 0 Multipl: 1
Area% Report :Default Lib. Search Rep.:Default
Quant Report :Default Post-Quant Macro:Default
CR Database :Default CR Spreadsheet :Default

7 Type: Calibration 0.300 Cerilliant EtOH std
Vial: 7 Cerilliant EtOH std - FN121510-01
Method: ALCOHOLDIL6.M
Datafile: 093013-007.D
LvId:5 UpdRF:Clear/ UpdRT:Replac UpdQt:No Upd
Bar Code: Samp Amt: 0 Multipl: 1
Area% Report :Default Lib. Search Rep.:Default
Quant Report :Default Post-Quant Macro:Default
CR Database :Default CR Spreadsheet :Default

8 Type: Calibration 0.400 Cerilliant EtOH std
Vial: 8 Cerilliant EtOH std - FN012712-01
Method: ALCOHOLDIL6.M
Datafile: 093013-008.D
LvId:6 UpdRF:Clear/ UpdRT:Replac UpdQt:No Upd
Bar Code: Samp Amt: 0 Multipl: 1
Area% Report :Default Lib. Search Rep.:Default
Quant Report :Default Post-Quant Macro:Default
CR Database :Default CR Spreadsheet :Default

9 Type: Blank DIH2O blank
Vial: 9 Blank
Method: ALCOHOLDIL6.M
Datafile: 093013-009.D
Bar Code: Samp Amt: 0 Multipl: 1
Area% Report :Default Lib. Search Rep.:Default
Quant Report :Default Post-Quant Macro:Default
CR Database :Default CR Spreadsheet :Default

10 Type: Sample NIST 0.080 EtOH std
Vial: 10 NIST EtOH std - SRM2893
Method: ALCOHOLDIL6.M
Datafile: 093013-010.D
Bar Code: Samp Amt: 0 Multipl: 1
Area% Report :Default Lib. Search Rep.:Default
Quant Report :Default Post-Quant Macro:Default
CR Database :Default CR Spreadsheet :Default

11 Type: Sample Cerilliant 0.080 g/dl EtOH std
Vial: 11 Cerilliant NIST traceable std - FN011712-02
Method: ALCOHOLDIL6.M
Datafile: 093013-011.D
Bar Code: Samp Amt: 0 Multipl: 1
Area% Report :Default Lib. Search Rep.:Default
Quant Report :Default Post-Quant Macro:Default
CR Database :Default CR Spreadsheet :Default
12 Type: Sample Cerilliant 0.010 g/dl EtOH std
Vial: 12 Cerilliant NIST traceable std - FN111110-01
Method: ALCOHOLDIL6.M
Datafile: 093013-012.D
Bar Code: Samp Amt: 0 Multipl: 1
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Quant Report : Default Post-Quant Macro: Default
CR Database : Default CR Spreadsheet : Default

13 Type: Sample Cerilliant 0.150 g/dl EtOH std
Vial: 13 Cerilliant NIST traceable std - FN091310-04
Method: ALCOHOLDIL6.M
Datafile: 093013-013.D
Bar Code: Samp Amt: 0 Multipl: 1
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Quant Report : Default Post-Quant Macro: Default
CR Database : Default CR Spreadsheet : Default

14 Type: Sample Cerilliant 0.500 g/dl EtOH std
Vial: 14 Cerilliant NIST traceable std - FN102710-01
Method: ALCOHOLDIL6.M
Datafile: 093013-014.D
Bar Code: Samp Amt: 0 Multipl: 1
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Quant Report : Default Post-Quant Macro: Default
CR Database : Default CR Spreadsheet : Default

15 Type: Blank DIH2O blank
Vial: 15 Blank
Method: ALCOHOLDIL6.M
Datafile: 093013-015.D
Bar Code: Samp Amt: 0 Multipl: 1
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Quant Report : Default Post-Quant Macro: Default
CR Database : Default CR Spreadsheet : Default

16 Type: Sample PPDLAB 0.020 g/dl EtOH Ctrl
Vial: 16 PPDLAB 0.020 g/dl EtOH Ctrl - 092713020-01
Method: ALCOHOLDIL6.M
Datafile: 093013-016.D
Bar Code: Samp Amt: 0 Multipl: 1
Area% Report : Default Lib. Search Rep.: Default
Quant Report : Default Post-Quant Macro: Default
CR Database : Default CR Spreadsheet : Default

17 Type: Sample PPDLAB 0.040 g/dl EtOH Ctrl
Vial: 17 PPDLAB 0.040 g/dl EtOH Ctrl - 092713040-01
Method: ALCOHOLDIL6.M
Datafile: 093013-017.D
Bar Code: Samp Amt: 0 Multipl: 1
Area% Report : Default Lib. Search Rep.: Default
Quant Report : Default Post-Quant Macro: Default
CR Database : Default CR Spreadsheet : Default

18 Type: Sample PPDLAB 0.050 g/dl EtOH Ctrl
Vial: 18 PPDLAB 0.050 g/dl EtOH Ctrl - 092713050-01
Method: ALCOHOLDIL6.M
Datafile: 093013-018.D

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Quant Report: Default  Post-Quant Macro: Default  
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Quant Report: Default  Post-Quant Macro: Default  
CR Database: Default  CR Spreadsheet: Default
Quantitation Report

Data Path: D:\DATA\ETOH13\093013\n
Data File: 093013-001.D

Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch

Acq On: 30 Sep 2013 16:12

Operator: DS

Sample: DIH2O+n-propanol

Misc: blank n-propanol Lot # 093013-NPW-01

ALS Vial: 1  Sample Multiplier: 1

Integration File signal 1: autoint1.e

Integration File signal 2: autoint2.e

Quant Time: Sep 30 16:18:29 2013

Quant Method: C:\MSDCHEM\METHODS\ALCOHOLDIL6.M

Quant Title: Quantitation of Ethanol

QLast Update: Wed Sep 18 09:13:17 2013

Response via: Initial Calibration

Integrator: ChemStation

Volume Inj.: 1.0 uL

Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2

Signal #1 Info: 125-9134  Signal #2 Info: 125-9234
Data Path: D:\DATA\ETOH13\093013\n
Data File: 093013-001.D

Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch

Acq On: 30 Sep 2013 16:12

Operator: DS

Sample: DIH2O+n-propanol

Misc: blank n-propanol Lot # 093013-NPW-01

ALS Vial: 1  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Quant Time: Sep 30 16:18:29 2013

Quant Method: C:\MSDCHM1\METHODS\ALCOHOLDIL6.M

Quant Title: Quantitation of Ethanol

QLast Update: Wed Sep 18 09:13:17 2013

Response via: Initial Calibration

Integrator: ChemStation

Volume Inj.: 1.0 uL

Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2

Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

<table>
<thead>
<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
<th>g/dl</th>
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<tbody>
<tr>
<td>Internal Standards</td>
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<tr>
<td>7) n-Propanol</td>
<td>3.643</td>
<td>3.625</td>
<td>20932555</td>
<td>20253740</td>
<td>0.100</td>
<td>0.100</td>
</tr>
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</table>

Target Compounds

1) T Ethanol  0.000  0.000  0  0  N.D.  N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

2) T Methanol  0.000  0.000  0  0  N.D.  N.D.
3) T Acetaldehyde  0.000  0.000  0  0  N.D.  N.D.
4) T Isopropanol  0.000  0.000  0  0  N.D.  N.D.
5) T Acetone  0.000  0.000  0  0  N.D.  N.D.
6) T Toluene  0.000  0.000  0  0  N.D.  N.D.

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25%  (m)=manual int.
File: D:\DATA\ETOH13\093013\093013-002.D
Operator: DS
Acquired: 30 Sep 2013 16:22 using AcqMethod ALCOHOLDIL5.M
Sample Name: DIH2O blank+(NH4)2SO4
Misc Info: blank
Vial Number: 2

**Signal: 093013-002.D\FID1A.ch**

**Signal: 093013-002.D\FID2B.ch**

**Signal: 093013-002.D\FID3B.ch**
## Quantitation Report

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-003.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 16:33
Operator: DS
Sample: 0.025 Cerilliant EtOH std
Misc: Cerilliant EtOH std - FN032210-01
ALS Vial: 3  Sample Multiplier: 1
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 16:39:52 2013
Quant Method: C:\MSDCHEM\1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 16:39:51 2013
Response via: Initial Calibration
Integrator: ChemStation

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<tr>
<td>Signal #1 Phase</td>
<td>DB-ALC1</td>
</tr>
<tr>
<td>Signal #2 Phase</td>
<td>DB-ALC2</td>
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<tr>
<td>Signal #1 Info</td>
<td>125-9134</td>
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<tr>
<td>Signal #2 Info</td>
<td>125-9234</td>
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<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
<th>g/dl</th>
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</thead>
<tbody>
<tr>
<td>Internal Standards</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>
7)   n-Propanol | 3.642 | 3.626 | 19621837 | 18476263 | 0.100 | 0.100 |

| Target Compounds |
1)   Ethanol | 2.795 | 2.770 | 2374292 | 2404236 | 0.027 | 0.027 |

| SemiQuant Compounds - Not Calibrated on this Instrument |
2)   Methanol | 0.000 | 0.000 | 0 | 0 | N.D. | N.D. |
3)   Acetaldehyde | 0.000 | 0.000 | 0 | 0 | N.D. | N.D. |
4)   Isopropanol | 0.000 | 0.000 | 0 | 0 | N.D. | N.D. |
5)   Acetone | 0.000 | 0.000 | 0 | 0 | N.D. | N.D. |
6)   Toluene | 0.000 | 0.000 | 0 | 0 | N.D. | N.D. |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
Quantitation Report

Data Path: D:\DATA\ETOH13\093013\n
Data File: 093013-004.D

Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch

Acq On: 30 Sep 2013 16:44

Operator: DS

Sample: 0.050 Cerilliant EtOH std

Misc: Cerilliant EtOH std - FN010912-01

ALS Vial: 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e

Integration File signal 2: autoint2.e

Quant Time: Sep 30 16:50:30 2013

Quant Method: C:\MSDCHM\METHODS\ALCOHOLDIL6.M

Quant Title: Quantitation of Ethanol

QLast Update: Mon Sep 30 16:50:32 2013

Response via: Initial Calibration

Integrator: ChemStation

Volume Inj: 1.0 uL

Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2

Signal #1 Info: 125-9134 Signal #2 Info: 125-9234

---

Response vs Time

Ethanol

Response vs Time

Propylene

---

ALCOHOLDIL6.M Mon Sep 30 16:50:32 2013
Quantitation Report  (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-004.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 16:44
Operator: DS
Sample: 0.050 Cerilliant EtOH std
Misc: Cerilliant EtOH std - FN010912-01
ALS Vial: 4  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 16:50:30 2013
Quant Method: C:\MSDCHEM\1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 16:50:30 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

<table>
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<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
<th>g/dl</th>
</tr>
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<tbody>
<tr>
<td>Internal Standards</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>7) n-Propanol</td>
<td>3.642</td>
<td>3.626</td>
<td>20101996</td>
<td>19098640</td>
<td>0.100</td>
<td>0.100</td>
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<tr>
<td>Target Compounds</td>
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</tr>
<tr>
<td>1) Ethanol</td>
<td>2.795</td>
<td>2.769</td>
<td>5049966</td>
<td>5283622</td>
<td>0.054</td>
<td>0.054</td>
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<tr>
<td>SemiQuant Compounds - Not Calibrated on this Instrument</td>
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<tr>
<td>2) Methanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>3) Acetaldehyde</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>4) Isopropanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>5) Acetone</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>6) Toluene</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
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</table>

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25%  (m)=manual int.
Quantitation Report  (Not Reviewed)

Data Path : D:\DATA\ETOH13\093013\ 
Data File : 093013-005.D 
Signal(s) : Signal #1: FID1A.ch Signal #2: FID2B.ch 
Acq On : 30 Sep 2013 16:54 
Operator : DS 
Sample : 0.100 Cerilliant EtOH std 
Misc : Cerilliant EtOH std - FN111711-01 
ALS Vial : 5 Sample Multiplier: 1 

Integration File signal 1: autoint1.e 
Integration File signal 2: autoint2.e 
Quant Time: Sep 30 17:01:07 2013 
Quant Method : C:\MSDCHEM\1\METHODS\ALCOHOLDIL6.M 
Quant Title : Quantitation of Ethanol 
Quant Last Update : Mon Sep 30 17:01:08 2013 
Response via : Initial Calibration 
Integrator: ChemStation 

Volume Inj. : 1.0 uL 
Signal #1 Phase : DB-ALC1 Signal #2 Phase: DB-ALC2 
Signal #1 Info : 125-9134 Signal #2 Info : 125-9234
## Quantitation Report

Data Path: D:\DATA\ETOH13\093013\ 
Data File: 093013-005.D 
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch 
Acq On: 30 Sep 2013 16:54  
Operator: DS 
Sample: 0.100 Cerilliant EtOH std  
Misc: Cerilliant EtOH std - FN111711-01 
ALS Vial: 5  Sample Multiplier: 1 

Integration File signal 1: autoint1.e 
Integration File signal 2: autoint2.e 
Quant Time: Sep 30 17:01:07 2013 
Quant Method: C:\MSDCHM\METHODS\ALCOHOLDIL6.M 
Quant Title: Quantitation of Ethanol 
QLast Update: Mon Sep 30 17:01:06 2013 
Response via: Initial Calibration 
Integrator: ChemStation 

Volume Inj. : 1.0 uL 
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2 
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234 

<table>
<thead>
<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
<th>g/dl</th>
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<tr>
<td><strong>Internal Standards</strong></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7) n-Propanol</td>
<td>3.641</td>
<td>3.625</td>
<td>20078910</td>
<td>18906420</td>
<td>0.100</td>
<td>0.100</td>
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<tr>
<td><strong>Target Compounds</strong></td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>1) Ethanol</td>
<td>2.793</td>
<td>2.768</td>
<td>10234978</td>
<td>10722998</td>
<td>0.102</td>
<td>0.102</td>
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<tr>
<td><strong>SemiQuant Compounds - Not Calibrated on this Instrument</strong></td>
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</tr>
<tr>
<td>2) Methanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>3) Acetaldehyde</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>4) Isopropanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>5) Acetone</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>6) Toluene</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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</table>

(f)=RT Delta > 1/2 Window  (#)=Amounts differ by > 25%  (m)=manual int.
Quarititation Report (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\n
Data File: 093013-006.D

Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch

Acq On: 30 Sep 2013 17:05

Operator: DS

Sample: 0.200 Cerilliant EtOH std

Misc: Cerilliant EtOH std - FN032712-01

ALS Vial: 6  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Quant Time: Sep 30 17:11:42 2013

Quant Method: C:\MSDCHEM\METHODS\ALCOHOLD16.M

Quant Title: Quantitation of Ethanol

QLast Update: Mon Sep 30 17:11:42 2013

Response via: Initial Calibration

Integrator: ChemStation

Volume Inj.: 1.0 uL

Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2

Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

Response

0 200000 400000 600000 800000 1000000 1200000

Time

0 0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00

Signal 093013-006.D/FID1A.ch

Response

0 200000 400000 600000 800000 1000000 1200000 1400000 1600000

Time

0 0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00

Signal 093013-006.D/FID2B.ch

ALCOHOLD16.M Mon Sep 30 17:11:43 2013
Quantitation Report

Data Path: D:\DATA\ETOH13\093013\093013-006.D
Data File: 093013-006.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 17:05
Operator: DS
Sample: 0.200 Cerilliant EtOH std
Misc: Cerilliant EtOH std - FN032712-01
ALS Vial: 6  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 17:11:42 2013
Quant Method: C:\MSDCHEM\1 METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:11:42 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

<table>
<thead>
<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
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<tbody>
<tr>
<td>Internal Standards</td>
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<tr>
<td>7) n-Propanol</td>
<td>3.641</td>
<td>3.625</td>
<td>19950112</td>
<td>18967418</td>
<td>0.100</td>
<td>0.100</td>
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<td>Target Compounds</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>1) Ethanol</td>
<td>2.793</td>
<td>2.767</td>
<td>20352608</td>
<td>21491722</td>
<td>0.200</td>
<td>0.199</td>
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</tr>
<tr>
<td>2) Methanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>3) Acetaldehyde</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>4) Isopropanol</td>
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<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>5) Acetone</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>6) Toluene</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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</table>

(f)=RT Delta > 1/2 Window  (#)=Amounts differ by > 25%  (m)=manual int.
Quantitation Report (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-007.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 17:15
Operator: DS
Sample: 0.300 Cerilliant EtOH std
Misc: Cerilliant EtOH std - FN121510-01
ALS Vial: 7  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 17:22:19 2013
Quant Method: C:\MSDCHM1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:22:18 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1   Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134   Signal #2 Info: 125-9234

Response

Signal: 093013-007.D\FID1A.ch

Response

Signal: 093013-007.D\FID2B.ch

Quantitation Report  (Not Reviewed)

Data Path : D:\DATA\ETOHI3\093013\nData File : 093013-007.D
Signal(s) : Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On : 30 Sep 2013  17:15
Operator : DS
Sample : 0.300 Cerilliant EtOH std
Misc : Cerilliant EtOH std - FN121510-01
ALS Vial : 7  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 17:22:19 2013
Quant Method : C:\MSDCHEM\1\METHODS\ALCOHOLDIL6.M
Quant Title : Quantitation of Ethanol
QLast Update : Mon Sep 30 17:22:18 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1.0 uL
Signal #1 Phase : DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info : 125-9134  Signal #2 Info : 125-9234

<table>
<thead>
<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
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<tr>
<td>7) n-Propanol</td>
<td>3.641</td>
<td>3.625</td>
<td>20987189</td>
<td>20078372</td>
<td>0.100</td>
<td>0.100</td>
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<tr>
<td>1) Ethanol</td>
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<td>34630293</td>
<td>0.315</td>
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<td></td>
</tr>
<tr>
<td>2) Methanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>3) Acetaldehyde</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>4) Isopropanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25%  (m)=manual int.
Quantitation Report  (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\
Data File: 093013-008.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 17:26
Operator: DS
Sample: 0.400 Cerilliant EtOH std
Misc: Cerilliant EtOH std - FN012712-01
ALS Vial: 8  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 17:32:54 2013
Quant Method: C:\MSDCHEN1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234
### Quantitation Report

Data Path: D:\DATA\ETOH13\093013\  
Data File: 093013-008.D  
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch  
Acq On: 30 Sep 2013 17:26  
Operator: DS  
Sample: 0.400 Cerilliant EtOH std  
Misc: Cerilliant EtOH std - FN012712-01  
ALS Vial: 8  Sample Multiplier: 1  

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 17:32:54 2013  
Quant Method: C:\MSDCHEM\1\METHODS\ALCOHOLDIL6.M  
Quant Title: Quantitation of Ethanol  
QLast Update: Mon Sep 30 17:32:53 2013  
Response via: Initial Calibration  
Integrator: ChemStation  

Volume Inj.: 1.0 uL  
Signal #1 Phase: DB-ALC2  Signal #2 Phase: DB-ALC2  
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234  

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(f)=RT Delta > 1/2 Window  (#)=Amounts differ by > 25%  (m)=manual int.
DATA ANALYSIS PARAMETERS

Method Name: C:\MSDCHEM1\METHODS\ALCOHOLDIL6.M

Percent Report Settings

Sort By: Signal

Output Destination
Screen: No
Printer: Yes
File: No

Integration Events: AutolIntegrate

Generate Report During Run Method: No

Signal Correlation Window: 0.020

Qualitative Report Settings

Peak Location of Unknown: Apex

Library to Search Minimum Quality
C:\DATABASE\DEMO.L 0

Integration Events: AutolIntegrate

Report Type: Summary

Output Destination
Screen: No
Printer: Yes
File: No

Generate Report During Run Method: No

Quantitative Report Settings

Report Type: Summary

Output Destination
Screen: No
Printer: Yes
Quantitation of Ethanol  
Calibration Last Updated: Mon Sep 30 17:32:53 2013  

Reference Window: 5.00 Percent  
Non-Reference Window: 5.00 Percent  
Correlation Window: 0.10 minutes  
Default Multiplier: 1.00  
Default Sample Concentration: 0.00  

Compound Information  

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<th>Signal</th>
<th>Rel Resp.</th>
<th>Pct. Unc.(rel)</th>
<th>Integration</th>
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Qualifier Peak Analysis OFF  
Curve Fit: Linear  

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Qualifier Peak Analysis OFF  
Curve Fit: Linear  

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Qualifier Peak Analysis OFF  
Curve Fit: Linear
Ret. Time 2.535 min., Extract & Integrate from 2.285 to 2.785 min.

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Qualifier Peak Analysis OFF
Curve Fit: Linear

4) Isopropanol

Ret. Time 3.126 min., Extract & Integrate from 2.876 to 3.376 min.

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Qualifier Peak Analysis OFF
Curve Fit: Linear

5) Acetone

Ret. Time 3.443 min., Extract & Integrate from 3.343 to 3.543 min.

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Qualifier Peak Analysis OFF
Curve Fit: Linear

6) Toluene

Ret. Time 5.160 min., Extract & Integrate from 5.060 to 5.260 min.

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Qualifier Peak Analysis OFF
Curve Fit: Linear

7) n-Propanol (ISTD)

Ret. Time 3.640 min., Extract & Integrate from 3.390 to 3.890 min.

Signal | Rel Resp. | Pct. Unc.(rel) | Integration |
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Qualifier Peak Analysis OFF
ISTD conc: 0.100 g/dl
Curve Fit: Linear

8) Signal #2 (ISTD)

Ret. Time 3.640 min., Extract & Integrate from 3.390 to 3.890 min.

Signal | Rel Resp. | Pct. Unc.(rel) | Integration |
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Qualifier Peak Analysis OFF
ISTD conc: 0.100 g/dl
Curve Fit: Linear

9) Ethanol #2

Ret. Time 2.767 min., Extract & Integrate from 2.517 to 3.017 min.

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Method: ALCOHOLDIL6.M
Mon Sep 30 18:17:48 2013
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**Acetaldehyde #2**

- Ret. Time: 2.160 min.
- Extract & Integrate from 1.910 to 2.410 min.

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<tbody>
<tr>
<td>1</td>
<td>0.025</td>
<td>-1</td>
</tr>
<tr>
<td>2</td>
<td>0.050</td>
<td>-1</td>
</tr>
<tr>
<td>3</td>
<td>0.100</td>
<td>-1</td>
</tr>
<tr>
<td>4</td>
<td>0.200</td>
<td>-1</td>
</tr>
<tr>
<td>5</td>
<td>0.300</td>
<td>-1</td>
</tr>
<tr>
<td>6</td>
<td>0.400</td>
<td>-1</td>
</tr>
</tbody>
</table>

**Isopropanol #2**

- Ret. Time: 3.027 min.
- Extract & Integrate from 2.777 to 3.277 min.
<table>
<thead>
<tr>
<th>Lvl ID</th>
<th>Conc (g/dl)</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.025</td>
<td>-1</td>
</tr>
<tr>
<td>2</td>
<td>0.050</td>
<td>-1</td>
</tr>
<tr>
<td>3</td>
<td>0.100</td>
<td>-1</td>
</tr>
<tr>
<td>4</td>
<td>0.200</td>
<td>-1</td>
</tr>
<tr>
<td>5</td>
<td>0.300</td>
<td>-1</td>
</tr>
<tr>
<td>6</td>
<td>0.400</td>
<td>-1</td>
</tr>
</tbody>
</table>

Qualifier Peak Analysis OFF
Curve Fit: Linear

---

13) Acetone #2

Ret. Time 2.941 min., Extract & Integrate from 2.841 to 3.041 min.

<table>
<thead>
<tr>
<th>Signal</th>
<th>Rel Resp.</th>
<th>Pct. Unc.(rel)</th>
<th>Integration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tgt</td>
<td>TIC</td>
<td></td>
<td>*** AUTO ***</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lvl ID</th>
<th>Conc (g/dl)</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>not used for this compound</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>not used for this compound</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>not used for this compound</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>not used for this compound</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>not used for this compound</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>not used for this compound</td>
<td></td>
</tr>
</tbody>
</table>

Qualifier Peak Analysis OFF
Curve Fit: Linear

---

14) Toluene

Ret. Time 4.713 min., Extract & Integrate from 4.613 to 4.813 min.

<table>
<thead>
<tr>
<th>Signal</th>
<th>Rel Resp.</th>
<th>Pct. Unc.(rel)</th>
<th>Integration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tgt</td>
<td>TIC</td>
<td></td>
<td>*** AUTO ***</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lvl ID</th>
<th>Conc (g/dl)</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>not used for this compound</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>not used for this compound</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>not used for this compound</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>not used for this compound</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>not used for this compound</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>not used for this compound</td>
<td></td>
</tr>
</tbody>
</table>

Qualifier Peak Analysis OFF
Curve Fit: Linear

---

15) n-Propanol #2

Ret. Time 3.624 min., Extract & Integrate from 3.374 to 3.874 min.

<table>
<thead>
<tr>
<th>Signal</th>
<th>Rel Resp.</th>
<th>Pct. Unc.(rel)</th>
<th>Integration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tgt</td>
<td>TIC</td>
<td></td>
<td>*** AUTO ***</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lvl ID</th>
<th>Conc (g/dl)</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.100</td>
<td>18476263</td>
</tr>
<tr>
<td>2</td>
<td>0.100</td>
<td>19098640</td>
</tr>
<tr>
<td>3</td>
<td>0.100</td>
<td>18906420</td>
</tr>
<tr>
<td>4</td>
<td>0.100</td>
<td>18967418</td>
</tr>
<tr>
<td>5</td>
<td>0.100</td>
<td>20078372</td>
</tr>
<tr>
<td>6</td>
<td>0.100</td>
<td>18893439</td>
</tr>
</tbody>
</table>

Method: ALCOHOLDIL6.M
Mon Sep 30 18:17:48 2013
Qualifier Peak Analysis OFF      ISTD conc:      0.100 g/dl
Curve Fit: Linear

END OF DATA ANALYSIS PARAMETERS

Mon Sep 30 18:17:48 2013
# ID | Conc | ISTD | Path\File
--- | --- | --- | ---
1 | 1 | 0 | D:\DATA\ETO\13\093013\093013-003.D
2 | 2 | 0 | D:\DATA\ETO\13\093013\093013-004.D
3 | 3 | 0 | D:\DATA\ETO\13\093013\093013-005.D
4 | 4 | 0 | D:\DATA\ETO\13\093013\093013-006.D
5 | 5 | 0 | D:\DATA\ETO\13\093013\093013-007.D
6 | 6 | 0 | D:\DATA\ETO\13\093013\093013-008.D

# ID | Update Time | Quant Time | Acquisition Time
--- | --- | --- | ---
1 | Sep 30 16:39 2013 | Sep 30 16:39 2013 | 30 Sep 2013 16:33
2 | Sep 30 16:50 2013 | Sep 30 16:50 2013 | 30 Sep 2013 16:44
3 | Sep 30 17:01 2013 | Sep 30 17:01 2013 | 30 Sep 2013 16:54
4 | Sep 30 17:11 2013 | Sep 30 17:11 2013 | 30 Sep 2013 17:05
5 | Sep 30 17:22 2013 | Sep 30 17:22 2013 | 30 Sep 2013 17:15
6 | Sep 30 17:32 2013 | Sep 30 17:32 2013 | 30 Sep 2013 17:25
Reporting Criteria GC-HS

Method Path: C:\MSDCHEM\1\METHODS\Method File: ALCOHOLDIL6.M
Title: Quantitation of Ethanol
Last Update: Mon Sep 30 17:32:53 2013
Response Via: Initial Calibration

Graphics for Chromatogram(s)
  Number of Pages: 1
  Y-Axis Scale, Sig1: 0
  Y-Axis Scale, Sig2: 0
  Peak Labeling is On
  Landscape orientation is Off
  Global Minimum Detection Limit is 0

Sample Multipliers
  Internal Standards: On
  System Monitoring: Off
  Target Compounds: On

Summary Report Only
  Include Multi-Comp Summary is On

Detailed Report Only
  Omit Graphics for Internal Standards is Off
  Omit Graphics for System Monitoring is Off

All Reports
  Include Non-Target Peaks is Off
  Omit Target Compounds that Are Missed is Off
### Compound List Report GC-HS

**Method Path:** C:\MSDCHEM\1\METHODS\|
**Method File:** ALCOHOLDIL6.M
**Title:** Quantitation of Ethanol
**Last Update:** Mon Sep 30 17:32:53 2013
**Response Via:** Initial Calibration

Total Cpnds : 15

<table>
<thead>
<tr>
<th>PK#</th>
<th>Compound Name</th>
<th>Exp_RT</th>
<th>Rel_RT</th>
<th>Cal A/H</th>
<th>IDR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>T Ethanol</td>
<td>2.792</td>
<td>1.000</td>
<td>L A R</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>T Methanol</td>
<td>2.295</td>
<td>1.000</td>
<td>L A R</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>T Acetaldehyde</td>
<td>2.535</td>
<td>1.000</td>
<td>L A R</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>T Isopropanol</td>
<td>3.128</td>
<td>1.000</td>
<td>L A R</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>T Acetone</td>
<td>3.443</td>
<td>1.000</td>
<td>L A R</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>T Toluene</td>
<td>5.160</td>
<td>1.000</td>
<td>L A R</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>n-Propanol</td>
<td>3.640</td>
<td>1.000</td>
<td>L A R</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Signal #2</td>
<td>3.640</td>
<td>1.000</td>
<td>L A R</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>T Ethanol #2</td>
<td>2.767</td>
<td>0.760</td>
<td>L A R</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>T Methanol #2</td>
<td>2.274</td>
<td>0.625</td>
<td>L A R</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>T Acetaldehyde #2</td>
<td>2.160</td>
<td>0.593</td>
<td>L A R</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>T Isopropanol #2</td>
<td>3.027</td>
<td>0.831</td>
<td>L A R</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>T Acetone #2</td>
<td>2.941</td>
<td>0.808</td>
<td>L A R</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>T Toluene</td>
<td>4.713</td>
<td>1.295</td>
<td>L A R</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>n-Propanol #2</td>
<td>3.624</td>
<td>1.000</td>
<td>L A R</td>
<td></td>
</tr>
</tbody>
</table>

Cal A = Average  L = Linear  LO = Linear w/origin  Q = Quad QO = Quad w/origin
A/H = Area or Height  ID R = R.T.  B = R.T. & Q  Q = Qvalue L = Largest  A = All

---

### Compound Name Duplication Report

**Quant Method:** C:\MSDCHEM\1\METHODS\ALCOHOLDIL6.M
**Number of Compounds:** 15

- **6 Toluene**
  - = 14 Toluene

1 Duplicate Names Detected!!!
Calibration Report GC-HS

Method Path: C:\MSDCHEM\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\METHODS\M
Ethanol Response

4.00e+007
3.50e+007
3.00e+007
2.50e+007
2.00e+007
1.50e+007
1.00e+007
5.00e+006

Response = 1.050e+008 * Amt - 2.206e+005
Coaf of Det (r^2) = 0.999  Curve Fit: Linear
Method Name: C:\MSDCHEM\1\METHODSALCOHOLDIL6.M

Calibration Table Last Updated: Mon Sep 20 17:32:53 2012
Response = 5.518e-001 * Amt - 1.611e-002
Coef of Det ($r^2$) = 1.000  Curve Fit: Linear
Method Name: C:\MSDCHEM\1\METHODS\ALCOHOL\IL6.M
Calibration Table Last Updated: Mon Sep 30 17:32:22 2013
<table>
<thead>
<tr>
<th>Concentration</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00e+000</td>
<td>0.00e+000</td>
</tr>
<tr>
<td>5.00e+006</td>
<td>5.00e+006</td>
</tr>
<tr>
<td>1.00e+007</td>
<td>1.00e+007</td>
</tr>
<tr>
<td>1.50e+007</td>
<td>1.50e+007</td>
</tr>
<tr>
<td>2.00e+007</td>
<td>2.00e+007</td>
</tr>
<tr>
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</tr>
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<tr>
<td>3.50e+007</td>
<td>3.50e+007</td>
</tr>
<tr>
<td>4.00e+007</td>
<td>4.00e+007</td>
</tr>
</tbody>
</table>

Response = 1.018e+008 * Amt
RF Rel Std Dev = 4.1% Curve Fit: Avg RF
Method Name: C:\MSDCHEM\METHODS\ALCOHOLDIL6.M
Calibration Table Last Updated: Mon Sep 30 17:32:53 2013
Response = 5.310e-001 * Amt
RF Rel Std Dev = 4.1%  Curve Fit: Avg RF
Method Name: C:\MSDCHEM1\METHODS\ALCOHOLDIL6.M
Calibration Table Last Updated: Mon Sep 30 17:32:53 2013
BLANK RUN

File: D:\DATA\ETOH13\09301\093013-009.D
Operator: DS
Acquired: 30 Sep 2013 17:37 using AcqMethod ALCOHOLDIL6.M
Sample Name: DIH2O blank
Misc Info: Blank
Vial Number: 9

Response
5000
4500
4000
3500
3000
2500
2000
1500
1000
500

Signal: 093013-009.D\FIDIA.ch

Response
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500

Signal: 093013-009.D\FID2B.ch

Time
0.50
1.00
1.50
2.00
2.50
3.00
3.50
4.00
4.50
5.00
5.50
6.00

Response
500
100
1.50
2.00

Response
500
100
1.50
2.00

Time
0.50
1.00
1.50
2.00
2.50
3.00
3.50
4.00
4.50
5.00
5.50
6.00

Signal: 093013-009.D\FID2B.ch
Quantitation Report  (Not Reviewed)

Data Path : D:\DATA\ETOH13\093013\nData File : 093013-010.D
Signal(s) : Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On : 30 Sep 2013  17:48
Operator : DS
Sample : NIST 0.080 EtOH std
Misc : NIST EtOH std - SRM2893
ALS Vial : 10  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 17:54:25 2013
Quant Method : C:\MSD.CHEM\METHODS\ALCOHOLDIL6.M
Quant Title : Quantitation of Ethanol
QLast Update : Mon Sep 30 17:32:53 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1.0 uL
Signal #1 Phase : DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info : 125-9134  Signal #2 Info : 125-9234
Quantitation Report  (Not Reviewed)

Data Path : D:\DATA\ETOH13\093013\093013-010.D
Data File : 093013-010.D
Signal(s) : Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On : 30 Sep 2013 17:48
Operator : DS
Sample : NIST 0.080 ETOH std
Misc : NIST ETOH std - SRM2893
ALS Vial : 10  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 17:54:25 2013
Quant Method : C:\MSDCHEM11\METHODS\ALCOHOLDIL6.M
Quant Title : Quantitation of Ethanol
QLast Update : Mon Sep 30 17:32:53 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj : 1.0 uL
Signal #1 Phase : DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info : 125-9134  Signal #2 Info : 125-9234

<table>
<thead>
<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
<th>g/dl</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal Standards</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7) n-Propanol</td>
<td>3.640</td>
<td>3.624</td>
<td>20741516</td>
<td>19786779</td>
<td>0.100</td>
<td>0.100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Target Compounds</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Ethanol</td>
<td>2.792</td>
<td>2.767</td>
<td>8090071</td>
<td>8565071</td>
<td>0.079</td>
<td>0.080</td>
</tr>
</tbody>
</table>

SemiQuant Compounds - Not Calibrated on this Instrument

<table>
<thead>
<tr>
<th>Compound</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2) Methanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>3) Acetaldehyde</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>4) Isopropanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>5) Acetone</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>6) Toluene</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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</table>

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25%  (m)=manual int.
Data Path: D:\DATA\ETOH13\093013\nData File: 093013-011.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 17:58
Operator: DS
Sample: Cerilliant 0.080 g/dl EtOH std
Misc: Cerilliant NIST traceable std - FN011712-02
ALS Vial: 11  Sample Multiplier: 1
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 18:05:10 2013
Quant Method: C:\MSDCHEM\1METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

Response

Signal: 093013-011.D\FID1A.ch

Response

Signal: 093013-011.D\FID2B.ch
Quantitation Report  
(Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\  
Data File: 093013-011.D  
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch  
Acq On: 30 Sep 2013  17:58  
Operator: DS  
Sample: Cerilliant 0.080 g/dl EtOH std  
Misc: Cerilliant NIST traceable std - FN011712-02  
ALS Vial: 11  Sample Multiplier: 1  

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 18:05:10 2013  
Quant Method: C:\MSDCHEMIN\METHODS\ALCOHOLDIL6.M  
Quant Title: Quantitation of Ethanol  
QLast Update: Mon Sep 30 17:32:53 2013  
Response via: Initial Calibration  
Integrator: ChemStation

Volume Inj: 1.0 uL  
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2  
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

<table>
<thead>
<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
<th>g/dl</th>
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<tbody>
<tr>
<td>Internal Standards</td>
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<td></td>
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<td></td>
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<tr>
<td>7)  n-Propanol</td>
<td>3.639</td>
<td>3.624</td>
<td>20440339</td>
<td>19319784</td>
<td>0.100</td>
<td>0.100</td>
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<td>Target Compounds</td>
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<tr>
<td>1)  Ethanol</td>
<td>2.792</td>
<td>2.767</td>
<td>8017162</td>
<td>8352038</td>
<td>0.078</td>
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<tr>
<td>2)  Methanol</td>
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<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>3)  Acetaldehyde</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>4)  Isopropanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>5)  Acetone</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>6)  Toluene</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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</table>

(f)=RT Delta > 1/2 Window  (#)=Amounts differ by > 25%  (m)=manual int.
Quantitation Report (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\
Data File: 093013-012.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 18:09
Operator: DS
Sample: Cerilliant 0.010 g/dl EtOH std
Misc: Cerilliant NIST traceable std - FN111110-01
ALS Vial: 12  Sample Multiplier: 1
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 18:15:52 2013
Quant Method: C:\MSDCHEM\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

Response

Signal 093013-012.D/FID1A.ch

Response

Signal 093013-012.D/FID2B.ch

 Quantitation Report  (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-012.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 18:09
Operator: DS
Sample: Cerilliant 0.010 g/dl EtOH std
Misc: Cerilliant NIST traceable std - FN111110-01
ALS Vial: 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 18:15:52 2013
Quant Method: C:\MSDCHEMI\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj. : 1.0 uL
Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234

<table>
<thead>
<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
<th>g/dl</th>
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<tbody>
<tr>
<td>Internal Standards</td>
<td></td>
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<tr>
<td>7) n-Propanol</td>
<td>3.640</td>
<td>3.624</td>
<td>19958515</td>
<td>18844064</td>
<td>0.100</td>
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<td>Target Compounds</td>
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</tr>
<tr>
<td>1) T Ethanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>SemiQuant Compounds - Not Calibrated on this Instrument</td>
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</tr>
<tr>
<td>2) T Methanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>3) T Acetaldehyde</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>4) T Isopropanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>5) T Acetone</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>6) T Toluene</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
Data Path: D:\DATA\ETOH\13\093013\nData File: 093013-013.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 18:20
Operator: DS
Sample: Cerilliant 0.150 g/dl EtOH std
Misc: Cerilliant NIST traceable std - FN091310-04
ALS Vial: 13 Sample Multiplier: 1
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 18:26:34 2013
Quant Method: C:\MSDCHEM1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234

ALCOHOLDIL6.M Mon Sep 30 18:26:35 2013
Quantitation Report  (Not Reviewed)

Data Path : D:\DATA\ETOH13\093013\nData File : 093013-013.D
Signal(s) : Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On : 30 Sep 2013 18:20
Operator : DS
Sample : Cerilliant 0.150 g/dl EtOH std
Misc : Cerilliant NIST traceable std - FN091310-04
ALS Vial : 13  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 18:26:34 2013
Quant Method : C:\MSDCHEM1\METHODS\ALCOHOLDIL6.M
Quant Title : Quantitation of Ethanol
QLast Update : Mon Sep 30 17:32:53 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info : 125-9134  Signal #2 Info : 125-9234

<table>
<thead>
<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
<th>g/dl</th>
</tr>
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<tbody>
<tr>
<td>Internal Standards</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7) n-Propanol</td>
<td>3.640</td>
<td>3.624</td>
<td>20818810</td>
<td>19914066</td>
<td>0.100</td>
<td>0.100</td>
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<tr>
<td>Target Compounds</td>
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<td></td>
</tr>
<tr>
<td>1) T Ethanol</td>
<td>2.792</td>
<td>2.767</td>
<td>15655732</td>
<td>16684799</td>
<td>0.151</td>
<td>0.152</td>
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<td></td>
</tr>
<tr>
<td>2) T Methanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>3) T Acetaldehyde</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>4) T Isopropanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>5) T Acetone</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>6) T Toluene</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
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</table>

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25%  (m)=manual int.
Quantitation Report  (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\
Data File: 093013-014.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 18:30
Operator: DS
Sample: Cerilliant 0.500 g/dl EtOH std
Misc: Cerilliant NIST traceable std - FN102710-01
ALS Vial: 14  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 18:37:15 2013
Quant Method: C:\MSDCHEM\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

![Graph of Signal 1](image1)

![Graph of Signal 2](image2)
Data Path: D:\DATA\ETOH13\093013\nData File: 093013-014.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 18:30
Operator: DS
Sample: Cerilliant 0.500 g/dl EtOH std
Misc: Cerilliant NIST traceable std - FN102710-01
ALS Vial: 14 Sample Multiplier: 1
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 18:37:15 2013
Quant Method: C:\MSDCHEM1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation
Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234

<table>
<thead>
<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
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<tbody>
<tr>
<td>Internal Standards</td>
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<tr>
<td>7) n-Propanol</td>
<td>3.639</td>
<td>3.624</td>
<td>20280313</td>
<td>19100474</td>
<td>0.100</td>
<td>0.100</td>
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<tbody>
<tr>
<td>1) Ethanol</td>
<td>2.791</td>
<td>2.766</td>
<td>51103145</td>
<td>54502881</td>
<td>0.489</td>
<td>0.489</td>
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<tr>
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<th></th>
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<tbody>
<tr>
<td>2) Methanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>3) Acetaldehyde</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>4) Isopropanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>5) Acetone</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>6) Toluene</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
BLANK RUN

File : D:\DATA\ETOH13\093013\093013-015.D
Operator : DS
Sample Name: DIH2O blank
Misc Info : Blank
Vial Number: 15

Response
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00
Time
Response
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0.01 1.00 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00
Time
Quantitation Report (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-016.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 18:52
Operator: DS
Sample: PPDLAB 0.020 g/dl EtOH Ctrl
Misc: PPDLAB 0.020 g/dl EtOH Ctrl - 092713020-01
ALS Vial: 16  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 18:58:32 2013
Quant Method: C:\MSDCHEM\11METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

### Quantitation Report

Data Path: D:\DATA\ETOH13\093013\  
Data File: 093013-016.D  
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch  
Acq On: 30 Sep 2013 18:52  
Operator: DS  
Sample: PPDLAB 0.020 g/dl EtOH Ctrl  
Misc: PPDLAB 0.020 g/dl EtOH Ctrl - 092713020-01  
ALS Vial: 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 18:58:32 2013  
Quant Method: C:\MSDCHEM\1\METHODS\ALCOHOLDIL6.M  
Quant Title: Quantitation of Ethanol  
QLast Update: Mon Sep 30 17:32:53 2013  
Response via: Initial Calibration  
Integrator: ChemStation

Volume Inj: 1.0 uL  
Signal #1 Phase: DB-ALC1  
Signal #2 Phase: DB-ALC2  
Signal #1 Info: 125-9134  
Signal #2 Info: 125-9234

<table>
<thead>
<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
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<tbody>
<tr>
<td><strong>Internal Standards</strong></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>7) n-Propanol</td>
<td>3.639</td>
<td>3.624</td>
<td>20485266</td>
<td>19521158</td>
<td>0.100</td>
<td>0.100</td>
</tr>
</tbody>
</table>

| **Target Compounds**    |        |        |        |        |        |        |
| 1) T Ethanol           | 2.792  | 2.768  | 2120384 | 2191591 | 0.022  | 0.023  |

| **SemiQuant Compounds - Not Calibrated on this Instrument** |        |        |        |        |        |        |
| 2) T Methanol          | 0.000  | 0.000  | 0      | 0      | N.D.   | N.D.   |
| 3) T Acetaldehyde      | 0.000  | 0.000  | 0      | 0      | N.D.   | N.D.   |
| 4) T Isopropanol       | 0.000  | 0.000  | 0      | 0      | N.D.   | N.D.   |
| 5) T Acetone           | 0.000  | 0.000  | 0      | 0      | N.D.   | N.D.   |
| 6) T Toluene           | 0.000  | 0.000  | 0      | 0      | N.D.   | N.D.   |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25%  (m)=manual int.
Quantitation Report

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-017.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 19:02
Operator: DS
Sample: PPDLAB 0.040 g/dl EtOH Ctrl
Misc: PPDLAB 0.040 g/dl EtOH Ctrl - 092713040-01
ALS Vial: 17 Sample Multiplier: 1
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 19:09:09 2013
Quant Method: C:\MSDCHEM\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation
Volume Inj: 1.0 uL
Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234

ALCOHOLDIL6.M Mon Sep 30 19:09:10 2013
Quantitation Report

Data Path : D:\DATA\ETOH13\093013\DataFile: 093013-017.0
Signal(s) : Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On : 30 Sep 2013 19:02
Operator : DS
Sample : PPDLAB 0.040 g/dl EtOH Ctrl
Misc : PPDLAB 0.040 g/dl EtOH Ctrl - 092713040-01
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time : Sep 30 19:09:09 2013
Quant Method : C:\MSDCHM\METHODS\ALCOHOLDIL6.M
Quant Title : Quantitation of Ethanol
QLast Update : Mon Sep 30 17:32:53 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1.0 uL
Signal #1 Phase : DB-ALC
Signal #2 Phase: DB-ALC2
Signal #1 Info : 125-9134 Signal #2 Info : 125-9234

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<th>Resp#1</th>
<th>Resp#2</th>
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<td>7) i-Propanol</td>
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<td>20525520</td>
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<td>6) Toluene</td>
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
Quantitation Report

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-018.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 19:13
Operator: DS
Sample: PPDLAB 0.050 g/dl EtOH Ctrl
Misc: PPDLAB 0.050 g/dl EtOH Ctrl - 092713050-01
ALS Vial: 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 19:19:45 2013
Quant Method: C:\MSDCHEM\1METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234

Quantitation Report (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-018.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 19:13
Operator: DS
Sample: PPDLAB 0.050 g/dl EtOH Ctrl
Misc: PPDLAB 0.050 g/dl EtOH Ctrl - 092713050-01
ALS Vial: 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 19:19:45 2013
Quant Method: C:\MSDCHM1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234

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<th>RT#2</th>
<th>Resp#1</th>
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<td>7) n-Propanol</td>
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<td>19592209</td>
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<td>1) T Ethanol</td>
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<tr>
<td>2) T Methanol</td>
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<td>0</td>
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<tr>
<td>3) T Acetaldehyde</td>
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<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>4) T Isopropanol</td>
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<td>5) T Acetone</td>
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<td>6) T Toluene</td>
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
Quantitation Report

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-019.D
Signal(s): Signal #1: F1D1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 19:23
Operator: DS
Sample: 0.080 g/dl EtOH Ctrl
Misc: PPDLAB 0.080 g/dl EtOH Ctrl - 092713080-01
ALS Vial: 19  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 19:30:22 2013
Quant Method: C:\MSDCHEM\1kMET\ALCOHOLDL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

Response

Signal: 093013-019.D\FID1A.ch

Response

Signal: 093013-019.D\FID2B.ch

ALCOHOLDL6.M Mon Sep 30 19:30:23 2013
Data Path: D:\DATA\ETOH13\0930l3\nData File: 093013-019.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 19:23
Operator: DS
Sample: PPDLAB 0.080 g/dl EtOH Ctrl
Misc: PPDLAB 0.080 g/dl EtOH Ctrl - 092713080-01
ALS Vial: 19  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 19:30:22 2013
Quant Method: C:\MSDCHM\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

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<tr>
<td>7) n-Propanol</td>
<td>3.639</td>
<td>3.623</td>
<td>20536718</td>
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<td>1) T Ethanol</td>
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<td>2) T Methanol</td>
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<tr>
<td>3) T Acetaldehyde</td>
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<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>4) T Isopropanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
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<td>5) T Acetone</td>
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<td>N.D.</td>
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<tr>
<td>6) T Toluene</td>
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
Quantitation Report (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-020.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 19:34
Operator: DS
Sample: PPDLAB 0.100 g/dl EtOH Ctrl
Misc: PPDLAB 0.100 g/dl EtOH Ctrl - 092713100-01
ALS Vial: 20  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 19:40:57 2013
Quant Method: C:\MSDCHEM\1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

![Graph 1](#)

Signal: 093013-020 D/FID1A.ch

![Graph 2](#)

Signal: 093013-020 D/FID2B.ch

Quantitation Report

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-02D.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 19:34
Operator: DS
Sample: PPDLAB 0.100 g/dl EtOH Ctrl
Misc: PPDLAB 0.100 g/dl EtOH Ctrl - 092713100-01
ALS Vial: 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 19:40:57 2013
Quant Method: C:\MSDCHEM1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234

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<td>7) n-Propanol</td>
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<td>0</td>
<td>0</td>
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<td>6) Toluene</td>
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
Quantitation Report

Data Path: D:\DATA\ETOH13\093013\ Data File: 093013-021.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 19:45
Operator: DS
Sample: PPDLAB 0.160 g/dl EtOH Ctrl
Misc: PPDLAB 0.160 g/dl EtOH Ctrl - 092713160-01
ALS Vial: 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 19:51:41 2013
Quant Method: C:\MSDCHEM\1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
Last Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234
Quantitation Report (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-021.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 19:45
Operator: DS
Sample: PPDLAB 0.160 g/dl EtOH Ctrl
Misc: PPDLAB 0.160 g/dl EtOH Ctrl - 092713160-01
ALS Vial: 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 19:51:41 2013
Quant Method: C:\MSDCHEM\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234

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<tr>
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<th>Resp#1</th>
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<td>7) n-Propanol</td>
<td>3.638</td>
<td>3.623</td>
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<tr>
<td>1) T Ethanol</td>
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<tr>
<td>2) T Methanol</td>
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<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>3) T Acetaldehyde</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
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<td>N.D.</td>
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<tr>
<td>4) T Isopropanol</td>
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<td>0.000</td>
<td>0</td>
<td>0</td>
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<td>N.D.</td>
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<tr>
<td>5) T Acetone</td>
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<td>0.000</td>
<td>0</td>
<td>0</td>
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<td>N.D.</td>
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<td>6) T Toluene</td>
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<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
Quantitation Report (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\
Data File: 093013-022.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013  19:56
Operator: DS
Sample: PPDLAB 0.200 g/dl EtOH Ctrl
Misc: PPDLAB 0.200 g/dl EtOH Ctrl - 092713200-01
ALS Vial: 22  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 20:02:25 2013
Quant Method: C:\MSDCHM\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

ALCOHOLDIL6.M Mon Sep 30 20:02:26 2013  Page: 2
# Quantitation Report (Not Reviewed)

Data Path: `D:\DATA\ETOH13\093013\`
Data File: 093013-022.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 19:56
Operator: DS
Sample: PPDLAB 0.200 g/dl EtOH Ctrl
Misc: PPDLAB 0.200 g/dl EtOH Ctrl - 092713200-01
ALS Vial: 22  Sample Multiplier: 1

Integration File 1: autoint1.e  Integration File 2: autoint2.e
Quant Time: Sep 30 20:02:25 2013
Quant Method: `C:\MSDCHM\METHODS\ALCOHOLDIL6.M`
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

<table>
<thead>
<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
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<tr>
<td>7) n-Propanol</td>
<td>3.638</td>
<td>3.623</td>
<td>20499301</td>
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<td>1) T Ethanol</td>
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<td>0.207</td>
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<tbody>
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<td>0.000</td>
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<td>0</td>
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<tr>
<td>3) T Acetaldehyde</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>4) T Isopropanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>5) T Acetone</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>6) T Toluene</td>
<td>0.000</td>
<td>0.000</td>
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<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25%  (m)=manual int.
Quantitation Report (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\
Data File: 093013-023.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 20:06
Operator: DS
Sample: PPDLAB 0.250 g/dl EtOH Ctrl
Misc: PPDLAB 0.250 g/dl EtOH Ctrl - 092713250-01
ALS Vial: 23 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 20:13:11 2013
Quant Method: C:\MSDCHEM1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj: 1.0 uL
Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234
Quantitation Report (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\n
Data File: 093013-023.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 20:06
Operator: DS
Sample: PPDLAB 0.250 g/dl EtOH Ctrl
Misc: PPDLAB 0.250 g/dl EtOH Ctrl - 092713250-01
ALS Vial: 23 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 20:13:11 2013
Quant Method: C:\MSDCHEM\1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL

Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234

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<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
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<tr>
<td>Internal Standards</td>
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<tr>
<td>7) n-Propanol</td>
<td>3.638</td>
<td>3.623</td>
<td>19739002</td>
<td>18553121</td>
<td>0.100</td>
<td>0.100</td>
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Target Compounds

1) Ethanol | 2.790 | 2.764 | 25458640 | 26781751 | 0.245 | 0.242 |

SemiQuant Compounds - Not Calibrated on this Instrument

2) Methanol | 0.000 | 0.000 | 0 | 0 | N.D. | N.D. |
3) Acetaldehyde | 0.000 | 0.000 | 0 | 0 | N.D. | N.D. |
4) Isopropanol | 0.000 | 0.000 | 0 | 0 | N.D. | N.D. |
5) Acetone | 0.000 | 0.000 | 0 | 0 | N.D. | N.D. |
6) Toluene | 0.000 | 0.000 | 0 | 0 | N.D. | N.D. |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
Quantitation Report

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-024.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 20:17
Operator: OS
Sample: PPDLAB 0.320 g/dl EtOH Ctrl
Misc: PPDLAB 0.320 g/dl EtOH Ctrl - 092713320-01
ALS Vial: 24 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 20:23:54 2013
Quant Method: C:\MSD\CHEM1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
Quant Last Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234

Data Path: D:\DATA\ETOH13\093013\n
Data File: 093013-024.D

Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch

Acq On: 30 Sep 2013 20:17

Operator: DS

Sample: PPDLAB 0.320 g/dl EtOH Ctrl

Misc: PPDLAB 0.320 g/dl EtOH Ctrl - 092713320-01

ALS Vial: 24  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Quant Time: Sep 30 2023:54 2013

Quant Method: C:\MSDCHEM1\METHODS\ALCOHOLDIL6.M

Quant Title: Quantitation of Ethanol

QLast Update: Mon Sep 30 17:32:53 2013

Response via: Initial Calibration

Integrator: ChemStation

Volume Inj. : 1.0 uL

Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2

Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

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<tr>
<td>7) n-Propanol</td>
<td>3.638</td>
<td>3.623</td>
<td>3.623</td>
<td>19742</td>
<td>773</td>
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<td>1) Ethanol</td>
<td>2.790</td>
<td>2.765</td>
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<td>870</td>
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SemiQuant Compounds - Not Calculated on this Instrument

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<th>Resp#1</th>
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<th>g/dl</th>
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<tbody>
<tr>
<td>2) Methanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>3) Acetaldehyde</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>4) Isopropanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>5) Acetone</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
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<td>N.D.</td>
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<tr>
<td>6) Toluene</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
Quantitation Report (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-025.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 20:28
Operator: DS
Sample: PPDLAB 0.400 g/dL EtOH Ctrl
Misc: PPDLAB 0.400 g/dL EtOH Ctrl - 092713400-01
ALS Vial: 25  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 20:34:36 2013
Quant Method: C:\MSDCHFM\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
Q Last Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

Response_Signal: 093013-025.D\FID1A.ch
Response_Signal: 093013-025.D\FID2B.ch

---

ALCOHOLDIL6.M Mon Sep 30 20:34:37 2013  Page: 2
Quantitation Report (Not Reviewed)

Data Path: D:\DATA\ETOI-13\093013\nData File: 093013-025.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013 20:28
Operator: DS
Sample: PPDLAB 0.400 g/dl EtOH Ctrl
Misc: PPDLAB 0.400 g/dl EtOH Ctrl - 092713400-01
ALS Vial: 25  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 20:34:36 2013
Quant Method: C:\MSDCHEM1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

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<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
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<tr>
<td>7) n-Propanol</td>
<td>3.638</td>
<td>3.623</td>
<td>20506680</td>
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<td>0.100</td>
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<tbody>
<tr>
<td>1) T Ethanol</td>
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<tr>
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<tbody>
<tr>
<td>2) T Methanol</td>
</tr>
<tr>
<td>3) T Acetaldehyde</td>
</tr>
<tr>
<td>4) T Isopropanol</td>
</tr>
<tr>
<td>5) T Acetone</td>
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<td>6) T Toluene</td>
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(t)=RT Delta > 1/2 Window (#)=Amounts differ by > 25%  (m)=manual int.
Quantitation Report (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-026.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 20:38
Operator: DS
Sample: PPDLAB 0.640 g/dl EtOH Ctrl
Misc: PPDLAB 0.640 g/dl EtOH Ctrl - 092713640-01
ALS Vial: 26 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 20:45:14 2013
Quant Method: C:\MSDCHER1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234
Quantitation Report  (Not Reviewed)

Data Path: D:\DATA\ETOH13\093013\n
Data File: 093013-026.D

Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch

Acq On: 30 Sep 2013  20:38

Operator:  DS

Sample:  PPDLAB 0.640 g/dl EtOH Ctrl

Misc:  PPDLAB 0.640 g/dl EtOH Ctrl - 092713640-01

ALS Vial: 26  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Quant Time: Sep 30 20:45:14 2013

Quant Method: C:\MSDCHEM1\METHODS\ALCOHOLDIL6.M

Quant Title: Quantitation of Ethanol

QVant Last Update: Mon Sep 30 17:32:53 2013

Response via: Initial Calibration

Integrator: ChemStation

Volume Inj.: 1.0 uL

Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2

Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

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<th>Resp#1</th>
<th>Resp#2</th>
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<td>7) n-Propanol</td>
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<td>3.623</td>
<td>19671371</td>
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<td>1) Ethanol</td>
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<td>69714244</td>
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<tr>
<td>2) Methanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>3) Acetaldehyde</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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<tr>
<td>4) Isopropanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>5) Acetone</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>6) Toluene</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
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(f)=RT Delta > 1/2 Window  (#)=Amounts differ by > 25%  (m)=manual int.
Quantitation Report  

Data Path: D:\DATA\ETOH13\093013\ 
Data File: 093013-027.D 
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch 
Acq On: 30 Sep 2013 20:49 
Operator: DS 
Sample: PPDLAB Volatile Mix 1 - 092713-VM1-01 
Misc: MeOH.IsoP.Acet.Acetal.EtOH+ISTD 
ALS Vial: 27 Sample Multiplier: 1 

Integration File signal 1: autoint1.e 
Integration File signal 2: autoint2.e 
Quant Time: Sep 30 20:55:54 2013 
Quant Method: C:\MSDCHM\METHODS\ALCOHOLDIL6.M 
Quant Title: Quantitation of Ethanol 
Last Update: Mon Sep 30 17:32:53 2013 
Response via: Initial Calibration 
Integrator: ChemStation 

Volume Inj.: 1.0 uL  
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2 
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234
Quantitation Report

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-027.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 20:49
Operator: DS
Sample: PPDLAB Volatile Mix 1 - 092713-VM1-01
Misc: MeOH, IsoP, Acet, Acetal, EtOH + ISTD
ALS Vial: 27 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 20:55:54 2013
Quant Method: C:\MSDCHLM\1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234

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<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
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<tbody>
<tr>
<td>Internal Standards</td>
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<tr>
<td>n-Propanol</td>
<td>3.638</td>
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<td>20267986</td>
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<td>Toluene</td>
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<td>0.000</td>
<td>0</td>
<td>0</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
</tbody>
</table>

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
BLANK RUN

File: D:\DATA\ETOH13\093013\093013-028.D
Operator: DS
Acquired: 30 Sep 2013 21:00 using AcqMethod ALCOHOLDIL6.M
Sample Name: DIH2O blank
Misc Info: blank
Vial Number: 28
## Quantitation Report

Data Path: D:\DATA\ETOH13\093013\nData File: 093013-029.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013  21:10
Operator: DS
Sample: CC Whole Bld EtOH Ctrl - exp.03/2014
Misc: Mean EtOH conc. ~0.077 g/dL - Lot# 0911120A
ALS Vial: 29  Sample Multiplier: 1

Integration File signal 1: autoint1.e  Integration File signal 2: autoint2.e
Quant Time: Sep 30 21:17:10 2013
Quant Method: C:\MSDCHEM\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

<table>
<thead>
<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
<th>g/dl</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal Standards</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7) n-Propanol</td>
<td>3.638</td>
<td>3.623</td>
<td>20227663</td>
<td>19097197</td>
<td>0.100</td>
<td>0.100</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Target Compounds</th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1) T Ethanol</td>
<td>2.791</td>
<td>2.766</td>
<td>7854141</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SemiQuant Compounds - Not Calibrated on this Instrument</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2) T Methanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
</tr>
<tr>
<td>3) T Acetaldehyde</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
</tr>
<tr>
<td>4) T Isopropanol</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
</tr>
<tr>
<td>5) T Acetone</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
</tr>
<tr>
<td>6) T Toluene</td>
<td>0.000</td>
<td>0.000</td>
<td>0</td>
</tr>
</tbody>
</table>

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25%  (m)=manual int.
Quantitation Report

Data Path: D:\DATA\ETOH13\093013\n
Data File: 093013-030.D

Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch

Acq On: 30 Sep 2013 21:21

Operator: DS

Sample: CC Whole Bld Volatile Ctrl - exp.03/2014

Misc: Mean EtOH conc. ~0.079 g/dl - Lot# 1001126A

ALS Vial: 30  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Quant Time: Sep 30 21:27:48 2013

Quant Method: C:\MSDCHEM\1\METHODS\ALCOHOLDIL6.M

Quant Title: Quantitation of Ethanol

QLast Update: Mon Sep 30 17:32:53 2013

Response via: Initial Calibration

Integrator: ChemStation

Volume Inj. : 1.0 uL

Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2

Signal #1 Info : 125-9134  Signal #2 Info : 125-9234

Quantitation Report (Not Reviewed)

Data Path: D:\DATA\ETOI-13\093013\nData File: 093013-030.D
Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch
Acq On: 30 Sep 2013  21:21
Operator: DS
Sample: CC Whole Bld Volatile Ctrl - exp.03/2014
Misc: Mean EtOH conc. ~0.079 g/dl - Lot# 1001126A
ALS Vial: 30  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 21:27:48 2013
Quant Method: C:\MSDCHM1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

<table>
<thead>
<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
<th>g/dl</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal Standards</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
7) n-Propanol       | 3.642| 3.626| 19825031| 18505698| 0.100| 0.100|

Target Compounds
1) Ethanol          | 2.797| 2.771| 7688386 | 7846363 | 0.075| 0.073|

SemiQuant Compounds - Not Calibrated on this Instrument
2) Methanol         | 2.339| 2.321| 1580512 | 1713732 | NoCal| NoCal|
3) Acetaldehyde     | 0.000| 0.000| 0       | 0       | N.D. | N.D.  |
4) Isopropanol      | 3.163| 3.060| 7638307 | 7945293 | NoCal| NoCal|
5) Acetone          | 3.496f| 2.978| 16391502| 17994719| NoCal| NoCal|
6) Toluene          | 0.000| 0.000| 0       | 0       | N.D. | N.D.  |

(f)=RT Delta > 1/2 Window  (#)=Amounts differ by > 25%  (m)=manual int.
BLANK RUN

File: D:\DATA\ETOH13\093013\093013-031.D
Operator: DS
Sample Name: DIH2O blank
Misc Info: blank
Vial Number: 31

Response
9000
8000
7000
6000
5000
4000
3000
2000
1000
0

Time
0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00

Signal: 093013-031.DIFID1A.ch
Quantitation Report

Data Path: D:\DATA\ETOH13\093D13\DataFile: 093013-032.D
Signal(s): Signal #1: FID1A.ch Signal #2: FID2B.ch
Acq On: 30 Sep 2013 21:42
Operator: DS
Sample: Cerilliant 0.080 g/dl EtOH std
Misc: Cerilliant NIST traceable std - FN011712-02
ALS Vial: 32 Sample Multiplier: 1
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 21:48:58 2013
Quant Method: C:\MSDCHM\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL
Signal #1 Phase: DB-ALC1 Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134 Signal #2 Info: 125-9234

Response

Signal: 093013-032.D:FID1A.ch

Signal: 093013-032.D:FID2B.ch

Data Path: D:\DATA\ETOH\13\093013\n
Data File: 093013-032.D

Signal(s): Signal #1: FID1A.ch  Signal #2: FID2B.ch

Acq On: 30 Sep 2013 21:42
Operator: DS

Sample: Cerilliant 0.080 g/dl EtOH std
Misc: Cerilliant NIST traceable std - FN011712-02
ALS Vial: 32  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Quant Time: Sep 30 21:48:58 2013
Quant Method: C:\MSDCHEM\1\METHODS\ALCOHOLDIL6.M
Quant Title: Quantitation of Ethanol
QLast Update: Mon Sep 30 17:32:53 2013
Response via: Initial Calibration
Integrator: ChemStation

Volume Inj.: 1.0 uL

Signal #1 Phase: DB-ALC1  Signal #2 Phase: DB-ALC2
Signal #1 Info: 125-9134  Signal #2 Info: 125-9234

<table>
<thead>
<tr>
<th>Compound</th>
<th>RT#1</th>
<th>RT#2</th>
<th>Resp#1</th>
<th>Resp#2</th>
<th>g/dl</th>
<th>g/dl</th>
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<tbody>
<tr>
<td>Internal Standards</td>
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<td></td>
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<tr>
<td>7) n-Propanol</td>
<td>3.638</td>
<td>3.623</td>
<td>20561798</td>
<td>19491249</td>
<td>0.100</td>
<td>0.100</td>
</tr>
</tbody>
</table>

| Target Compounds  |      |      |        |        |      |      |
| T Ethanol         | 2.790| 2.766| 8142638 | 8576013 | 0.080| 0.080|

| SemiQuant Compounds - Not Calibrated on this Instrument |      |      |        |        |      |      |
| 2) T Methanol     | 0.000| 0.000| 0       | 0       | N.D. | N.D. |
| 3) T Acetaldehyde | 0.000| 0.000| 0       | 0       | N.D. | N.D. |
| 4) T Isopropanol  | 0.000| 0.000| 0       | 0       | N.D. | N.D. |
| 5) T Acetone      | 0.000| 0.000| 0       | 0       | N.D. | N.D. |
| 6) T Toluene      | 0.000| 0.000| 0       | 0       | N.D. | N.D. |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25%  (m)=manual int.
BLANK RUN

File: D:\DATA\ETOH13\093013\093013-033.D
Operator: DS
Sample Name: DIH2O blank
Misc Info: blank
Vial Number: 33

Signal: 093013-033.DIFID1A.ch

Signal: 093013-033.DIFID2B.ch
Starting sequence Mon Sep 30 16:02:39 2013

Instrument Name: GC-HS
Sequence File: C:\msdchem\1\Sequence\093013.S
Comment: PPDRCL Control Samples- September 30, 2013
Operator: DS
Data Path: D:\DATA\ETOH13\093013\Method Path: C:\MSDCHEM\1\METHODS\

<table>
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<th>Line Type</th>
<th>Vial Data File Method Sample Name</th>
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<tbody>
<tr>
<td>1) Sample</td>
<td>1 DIH2O+n-propanol</td>
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<tr>
<td></td>
<td>Datafile 093013-001</td>
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<tr>
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<td>Method ALCOHOLDIL6</td>
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<tr>
<td>2) Blank</td>
<td>2 DIH2O blank+(NH4)2SO4</td>
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<tr>
<td></td>
<td>Datafile 093013-002</td>
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<td>3) Calibration</td>
<td>3 0.025 Cerilliant EtOH std</td>
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<td>4) Calibration</td>
<td>4 0.050 Cerilliant EtOH std</td>
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<td>5) Calibration</td>
<td>5 0.100 Cerilliant EtOH std</td>
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<tr>
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<td>Datafile 093013-005</td>
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<td>6) Calibration</td>
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<td>7) Calibration</td>
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<td>8) Calibration</td>
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<td>9 DIH2O blank</td>
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<tr>
<td>10) Sample</td>
<td>10 NIST 0.080 EtOH std</td>
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<tr>
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</tr>
<tr>
<td>11) Sample</td>
<td>11 Cerilliant 0.080 g/dl EtOH std</td>
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<td>Datafile 093013-011</td>
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<tr>
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<td>Method ALCOHOLDIL6</td>
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<td>12) Sample</td>
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<td>13) Sample</td>
<td>13 Cerilliant 0.150 g/dl EtOH std</td>
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<tr>
<td>16) Sample</td>
<td>16 PPDLAB 0.020 g/dl EtOH Ctrl</td>
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<td>Method ALCOHOLDIL6</td>
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<tr>
<td>17) Sample</td>
<td>17 PPDLAB 0.040 g/dl EtOH Ctrl</td>
</tr>
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Sequence Log Tue Oct 01 09:31:14 2013
18) Sample 18 PPDLAB 0.050 g/dl EtOH Ctrl
Datafile 093013-018
Method ALCOHOLDIL6

19) Sample 19 PPDLAB 0.080 g/dl EtOH Ctrl
Datafile 093013-019
Method ALCOHOLDIL6

20) Sample 20 PPDLAB 0.100 g/dl EtOH Ctrl
Datafile 093013-020
Method ALCOHOLDIL6

21) Sample 21 PPDLAB 0.160 g/dl EtOH Ctrl
Datafile 093013-021
Method ALCOHOLDIL6

22) Sample 22 PPDLAB 0.200 g/dl EtOH Ctrl
Datafile 093013-022
Method ALCOHOLDIL6

23) Sample 23 PPDLAB 0.250 g/dl EtOH Ctrl
Datafile 093013-023
Method ALCOHOLDIL6

24) Sample 24 PPDLAB 0.320 g/dl EtOH Ctrl
Datafile 093013-024
Method ALCOHOLDIL6

25) Sample 25 PPDLAB 0.400 g/dl EtOH Ctrl
Datafile 093013-025
Method ALCOHOLDIL6

26) Sample 26 PPDLAB 0.640 g/dl EtOH Ctrl
Datafile 093013-026
Method ALCOHOLDIL6

27) Sample 27 PPDLAB Volatile Mix 1 - 092713-VM1-01
Datafile 093013-027
Method ALCOHOLDIL6

28) Blank 28 DIH2O blank
Datafile 093013-028
Method ALCOHOLDIL6

29) Sample 29 CC Whole Bld EtOH Ctrl - exp.03/2014
Datafile 093013-029
Method ALCOHOLDIL6

30) Sample 30 CC Whole Bld Volatile Ctrl - exp.03/2014
Datafile 093013-030
Method ALCOHOLDIL6

31) Blank 31 DIH2O blank
Datafile 093013-031
Method ALCOHOLDIL6

32) Sample 32 Cerilliant 0.080 g/dl EtOH std
Datafile 093013-032
Method ALCOHOLDIL6

33) Blank 33 DIH2O blank
Datafile 093013-033
Method ALCOHOLDIL6

Sequence completed Mon Sep 30 21:59:48 2013