Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: ROD GULLBERG / KEN DENTON Date: 9-17-2009

Location: IDS HQ Solution Batch Number: 09036

	YES	NO	N/A
Analysis dates do not precede preparation date:	☒	☐	☐
Declarations signed and properly dated:	☒	☐	☐
Data entry corresponds to all chromatograms:	☒	☐	☐
All signatures present on Test Report:	☒	☐	☐
Average solution concentration correct:	☒	☐	☐
Standard deviation correct:	☒	☐	☐
CV (%) correct:	☒	☐	☐
Equivalent vapor concentration correct:	☒	☐	☐
All chromatograms and sequences included in file:	☒	☐	☐
Ethanol control information present: (lot # present & used within expiration)	☒	☐	☐
Complies with accuracy and precision requirements established by the State Toxicologist:	☒	☐	☐

Comments:

Reviewer Signature: R. Gullberg Date: 9-17-2009

Reviewer Signature: K. L. Denton Date: 9/17/2009

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION
2203 Airport Way S, Suite 360 SEATTLE, WA 98134

QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 09036

CUSTOMER INFORMATION
Washington State Patrol – Breath Test Program
811 East Roanoke SEATTLE, WA 98102

TESTING PROCEDURE USED: TLD Technical Manual, Chapter 4.0 Certification of Simulator Solutions; Headspace-Gas Chromatography.

TESTING ITEM INFORMATION
TARGET VAPOR CONCENTRATION: 0.10 g/210L
DATE PREPARED: 09/08/2009
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Christopher Johnston

	CJ	AL	CM
1	0.123	0.125	0.123
2	0.124	0.124	0.124
3	0.123	0.124	0.124
4	0.123	0.124	0.124
5	0.123	0.125	0.124
C	0.100	0.100	0.100

ETHANOL CONTROL INFORMATION
LOT NUMBER: A064767 EXPIRATION: 04/2013 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1238 g/100mL
STANDARD DEVIATION: 0.00068
PRECISION CV (%): 0.55
NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.1007 g/210L**

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5
Melissa L. Pemberton

9/18/09
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
CJ	Christopher Johnston		09/08/2009
AL	Asa Louis		09/11/2009
CM	Christie Mitchell		09/14/2009

This report applies only to the item being tested and shall not be reproduced except in full, without the written approval of the WSP Toxicology Laboratory Division.

Washington State Patrol - Toxicology Laboratory Division
QAP Test Report Calculation Record

QAP Solution Batch #: 09036 **Date Prepared:** 9/8/2009

Analyst:	CJ	AI	CM
Date Tested:	9/8/2009	9/11/2009	9/14/2009
Instrument:	HS#3	HS#3	HS#3
1	0.123	0.125	0.123
2	0.124	0.124	0.124
3	0.123	0.124	0.124
4	0.123	0.124	0.124
5	0.123	0.125	0.124
C	0.100	0.100	0.100

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	CV^2_{Bias}	$CV^2_{Part\ Coef}$
0.0000000900	0.0000019885	0.0000000000	0.0000000000	0.0001016326

Ethanol Control Lot #: A064767
Control Uncertainty (%): 0.03
Maximum (-) Control Bias: 0.000
Maximum (+) Control Bias: 0.000

Average Solution Concentration: 0.1238 g/100mL
Standard Deviation: 0.00068 g/100mL
Precision CV (%): 0.55
Equivalent Vapor Concentration: 0.1007 g/210L
Combined Standard Uncertainty (±): 0.0010 g/210L

Calculations performed by: Melissa L. Pemberton [signature] 9/15/09
Name Signature Date

Calculations verified by: Rod G. Gullberg [signature] 9-17-09
Name Signature Date

Method: Excel

Tech. review performed by: Melissa L. Pemberton [signature] 9/15/09
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

Please check that the data on your chromatograms is the data entered into the Test Report, that the date to the right of your name is the date that you tested the solution, and then sign the Test Report.

Please initial and date below to affirm that you have:

1) Checked your data
2) Checked the date to the right of your name on the Test Report
3) Signed the Test Report

	Initials	Date
Amanda Black		
Asa Louis	AL	20090916
Brian Capron		
Brianna Peterson		
Brianne Akins		
Brittany Ball		
Christie Mitchell	CM	9/16/2009
Christopher Johnston	CJ	9/16/2009
Gwynyth Almendarez		
Justin Knoy		
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson		

Batch # 09036

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.10 QAP SOLUTION CERTIFICATION FOR LOT 09036

I, Christopher S. Johnston, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biochemistry.

The qap solution, Lot Number 09036, was prepared in the Washington State Toxicology Laboratory on 9/8/2009. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 9/8/2010.

Seattle, WA

9/16/2009

Christopher S. Johnston — Date

Forensic Toxicologist

CSJ/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.10 QAP SOLUTION CERTIFICATION FOR LOT 09036

I, Asa J. Louis, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: B.S. degree in Biochemistry and eight years of toxicology experience.

The qap solution, Lot Number 09036, was prepared in the Washington State Toxicology Laboratory on 9/8/2009. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 9/8/2010.

Seattle, WA

20090916

Asa J. Louis — Date

Forensic Toxicologist

AJL/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.10 QAP SOLUTION CERTIFICATION FOR LOT 09036

I, Christie Mitchell, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BA degree in Chemistry and MFS degree in Forensic Science.

The qap solution, Lot Number 09036, was prepared in the Washington State Toxicology Laboratory on 9/8/2009. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 9/8/2010.

Seattle, WA

Christie Mitchell 9/16/2009

Christie Mitchell Date

Forensic Toxicologist

CM/ik

Sequence: C:\HPCHEM\1\SEQUENCE\CJQAPS.S

Sequence Parameters:

Operator:	Chris Johnston
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	090908CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A067397 - exp 09/2013
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL	SIMALC	1	Calib		
3	Vial 3	0.158 CAL	SIMALC	1	Calib		
4	Vial 4	0.316 CAL	SIMALC	1	Calib		
5	Vial 5	NEG CONTROL-CJ	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-CJ	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-CJ	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-CJ	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-CJ	SIMALC	1	Ctrl Samp		
10	Vial 10	09034 #1	SIMALC	1	Sample		
11	Vial 11	09034 #2	SIMALC	1	Sample		
12	Vial 12	09034 #3	SIMALC	1	Sample		
13	Vial 13	09034 #4	SIMALC	1	Sample		
14	Vial 14	09034 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CONTROL-CJ	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-CJ	SIMALC	1	Ctrl Samp		
17	Vial 17	09035 #1	SIMALC	1	Sample		
18	Vial 18	09035 #2	SIMALC	1	Sample		
19	Vial 19	09035 #3	SIMALC	1	Sample		
20	Vial 20	09035 #4	SIMALC	1	Sample		
21	Vial 21	09035 #5	SIMALC	1	Sample		
22	Vial 22	0.10 CONTROL-CJ	SIMALC	1	Ctrl Samp		
23	Vial 23	NEG CONTROL-CJ	SIMALC	1	Ctrl Samp		
24	Vial 24	09036 #1	SIMALC	1	Sample		
25	Vial 25	09036 #2	SIMALC	1	Sample		
26	Vial 26	09036 #3	SIMALC	1	Sample		
27	Vial 27	09036 #4	SIMALC	1	Sample		
28	Vial 28	09036 #5	SIMALC	1	Sample		
29	Vial 29	0.10 CONTROL-CJ	SIMALC	1	Ctrl Samp		
30	Vial 30	NEG CONTROL-CJ	SIMALC	1	Ctrl Samp		
31	Vial 31	09037 #1	SIMALC	1	Sample		
32	Vial 32	09037 #2	SIMALC	1	Sample		

CJ

ORIGINAL TO BE FILED
IN QAP # 09034
CJ 9/9/09

09036

Sequence: C:\HPCHEM\1\SEQUENCE\CJQAPS.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	09037 #3	SIMALC	1	Sample		
34	Vial 34	09037 #4	SIMALC	1	Sample		
35	Vial 35	09037 #5	SIMALC	1	Sample		
36	Vial 36	0.10 CONTROL-CJ	SIMALC	1	Ctrl Samp		
37	Vial 37	NEG CONTROL-CJ	SIMALC	1	Ctrl Samp		
38	Vial 38	New IS	SIMALC	1	Sample		
39	Vial 39	New 0.079 Cal	SIMALC	1	Sample		
40	Vial 40	New 0.158 Cal	SIMALC	1	Sample		
41	Vial 41	New 0.316 Cal	SIMALC	1	Sample		
42	Vial 42	0.10 CONTROL-CJ	SIMALC	1	Ctrl Samp		
43	Vial 43	NEG CONTROL-CJ	SIMALC	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	SIMALC	1	Replace	Replace	
3	Vial 3	0.158 CAL	SIMALC	2	Replace	Average	
4	Vial 4	0.316 CAL	SIMALC	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

CJ

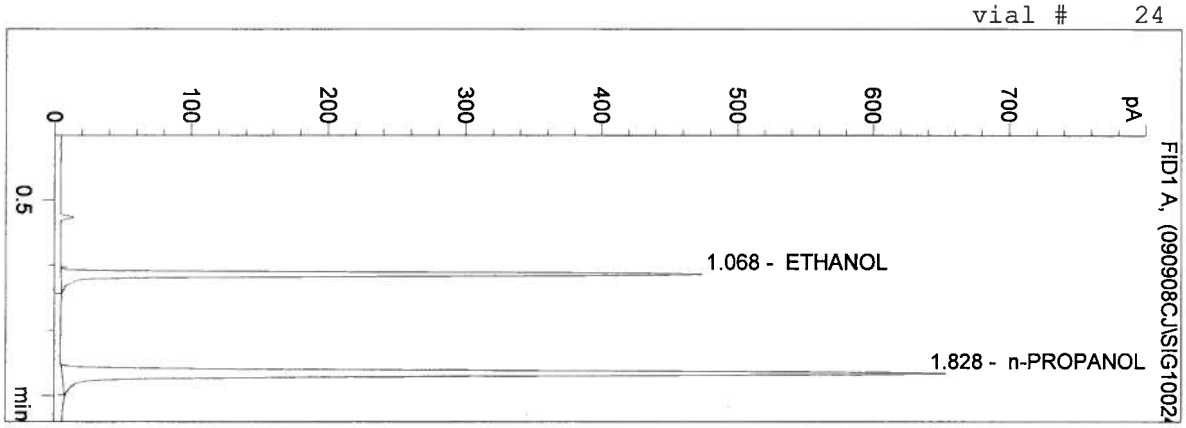
09036

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/8/2009 6:36:35 PM
Instrument 3
db-alc2

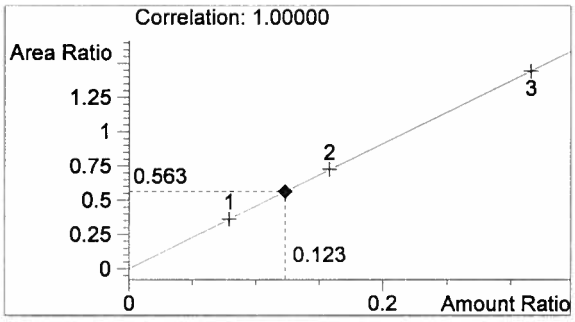
09036 #1
Chris Johnston

vial # 24

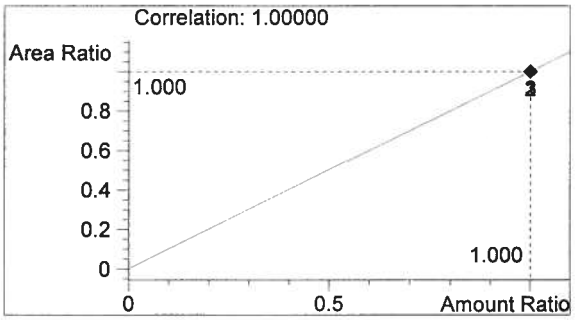


#	Compound	Area	RT
1	ETHANOL	1052	1.068
2	n-PROPANOL	1867	1.828

Totals:



ETHANOL 0.123 g/100ml



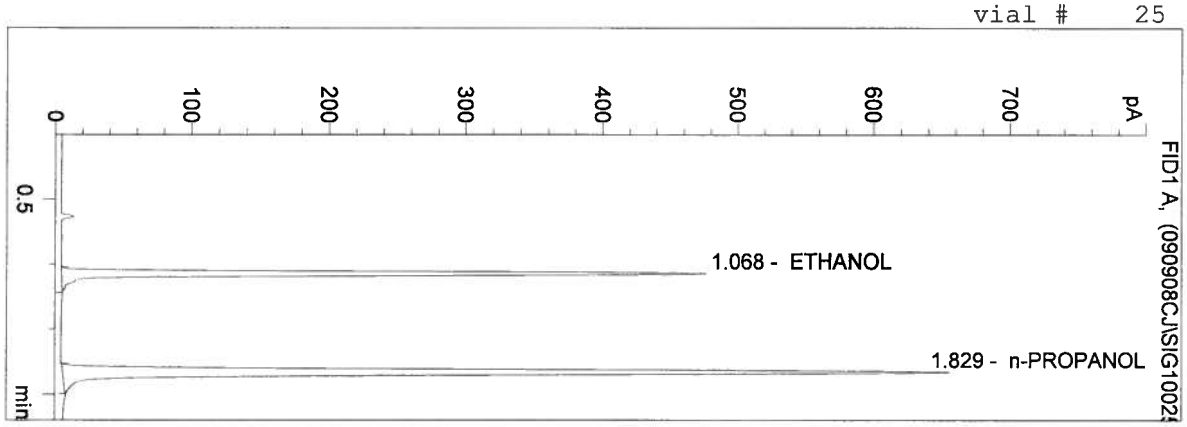
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/8/2009 6:39:43 PM
Instrument 3
db-alc2

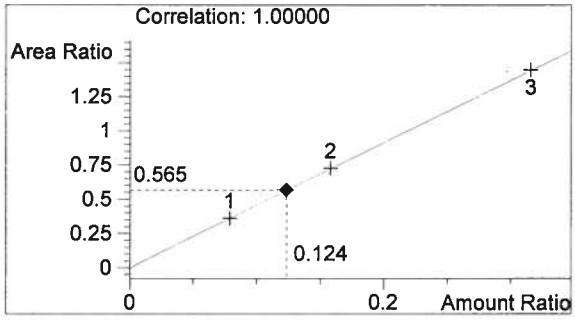
09036 #2
Chris Johnston

vial # 25



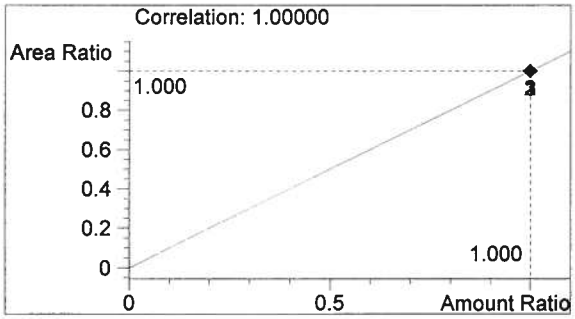
#	Compound	Area	RT
1	ETHANOL	1060	1.068
2	n-PROPANOL	1876	1.829

Totals:



ETHANOL 0.124 g/100ml

CJ



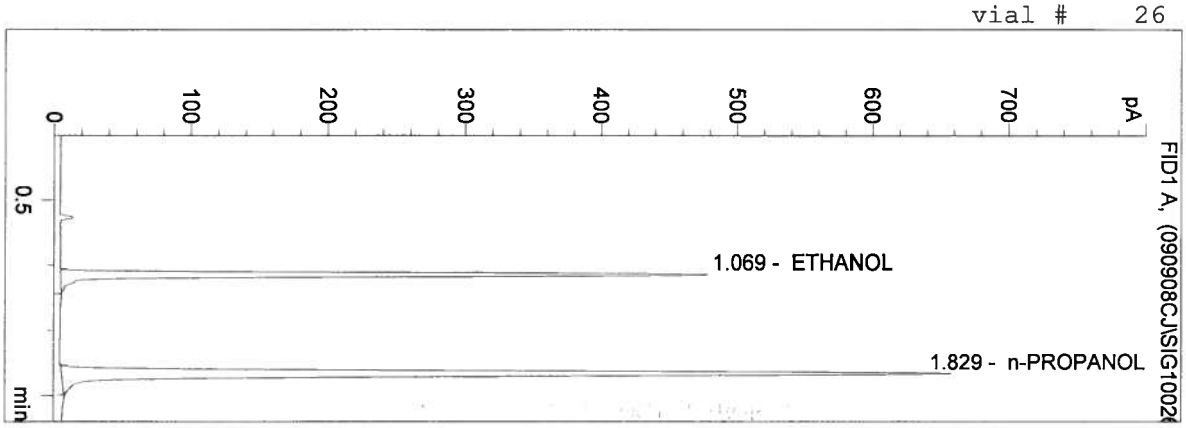
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/8/2009 6:42:50 PM
Instrument 3
db-alc2

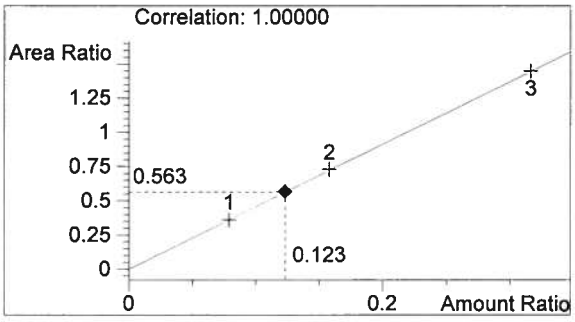
09036 #3
Chris Johnston

vial # 26



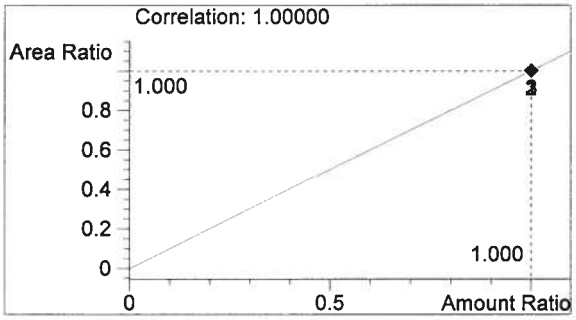
#	Compound	Area	RT
1	ETHANOL	1059	1.069
2	n-PROPANOL	1881	1.829

Totals:



ETHANOL 0.123 g/100ml

cl



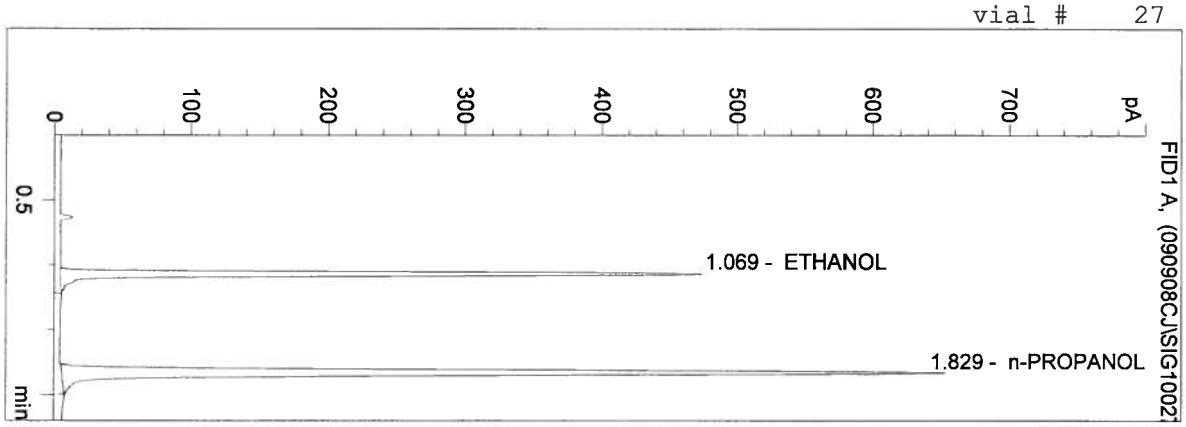
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/8/2009 6:45:58 PM
Instrument 3
db-alc2

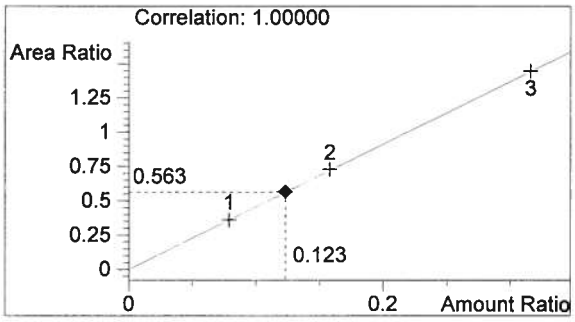
09036 #4
Chris Johnston

vial # 27

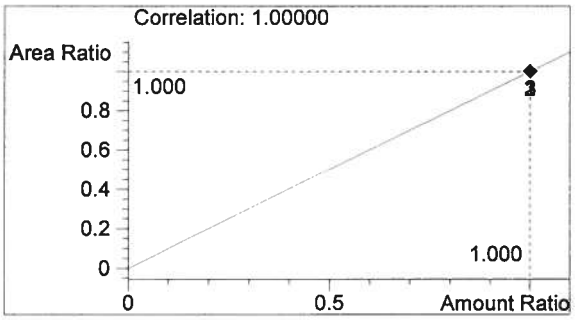


#	Compound	Area	RT
1	ETHANOL	1048	1.069
2	n-PROPANOL	1861	1.829

Totals:



ETHANOL 0.123 g/100ml

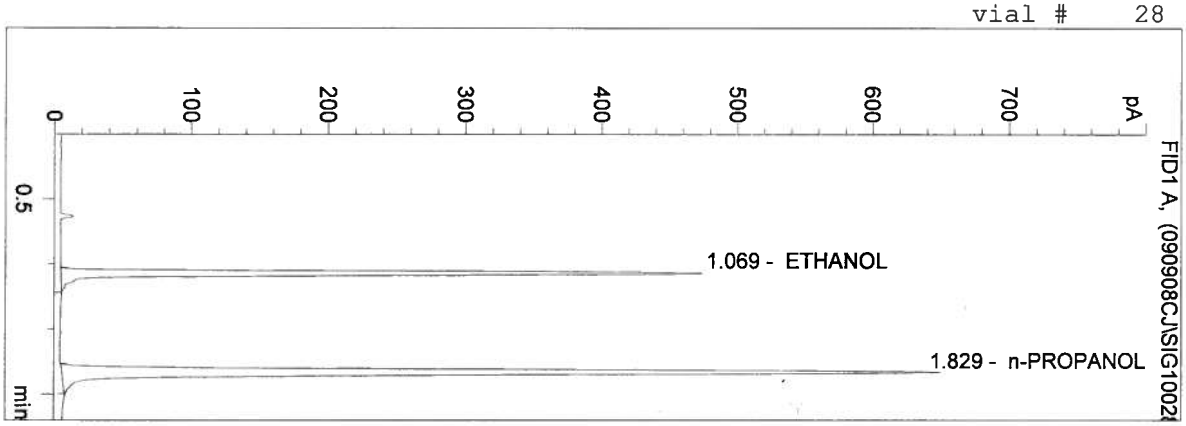


n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

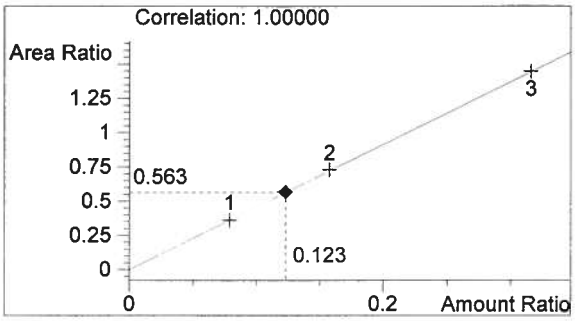
C:\HPCHEM\2\METHODS\SIMALC.M
9/8/2009 6:49:06 PM
Instrument 3
db-alc2

09036 #5
Chris Johnston
vial # 28



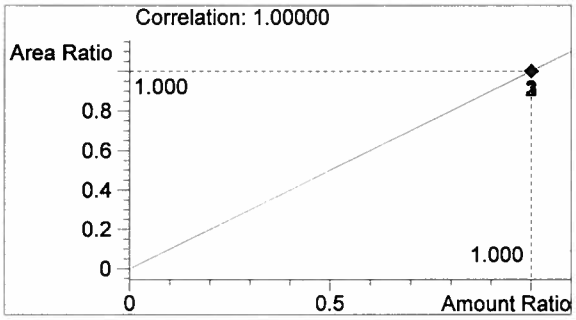
#	Compound	Area	RT
1	ETHANOL	1046	1.069
2	n-PROPANOL	1857	1.829

Totals:



ETHANOL 0.123 g/100ml

CJ



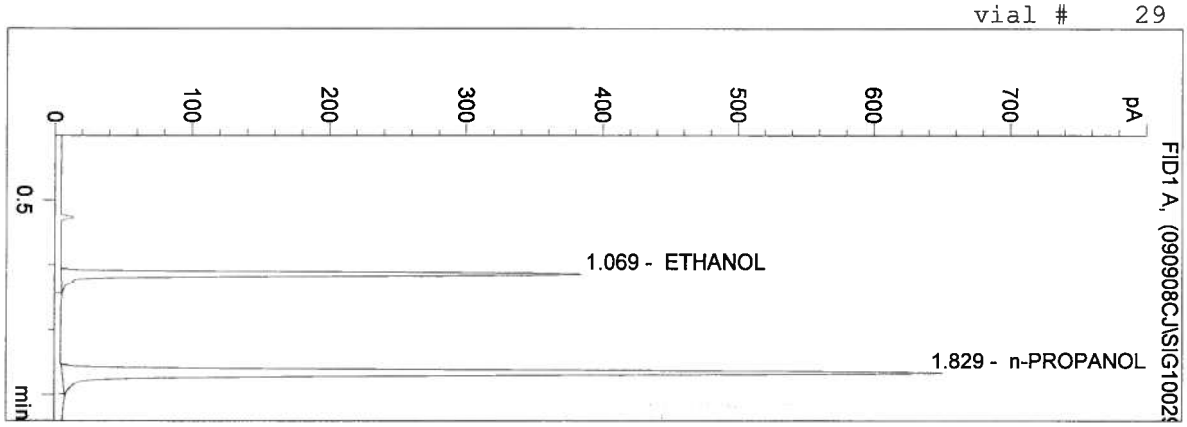
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

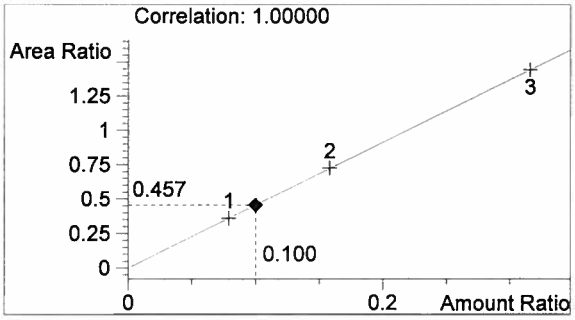
C:\HPCHEM\2\METHODS\SIMALC.M
9/8/2009 6:52:14 PM
Instrument 3
db-alc2

0.10 CONTROL-CJ
Chris Johnston

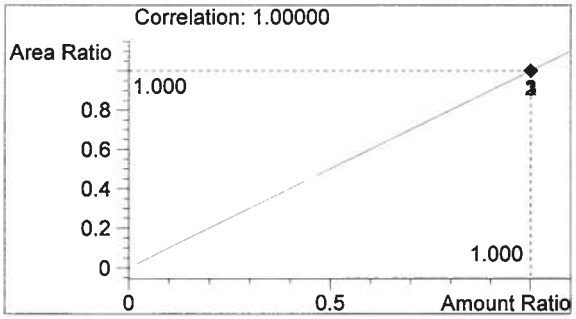
vial # 29



#	Compound	Area	RT
1	ETHANOL	848	1.069
2	n-PROPANOL	1856	1.829
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

c)

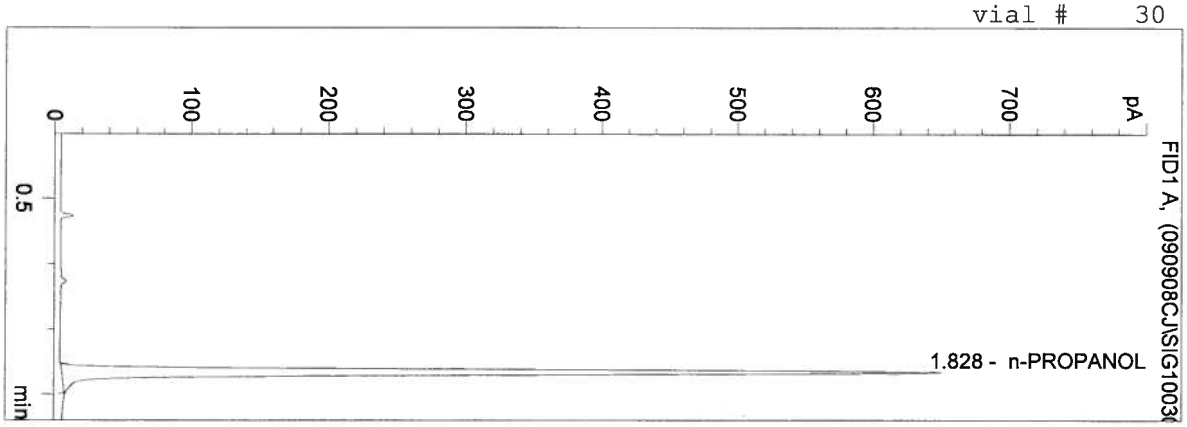
09036

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/8/2009 6:55:22 PM
Instrument 3
db-alc2

NEG CONTROL-CJ
Chris Johnston

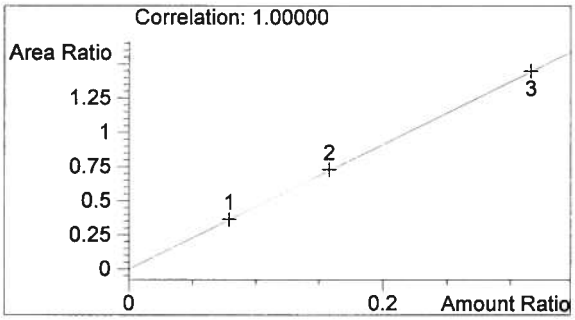
vial # 30



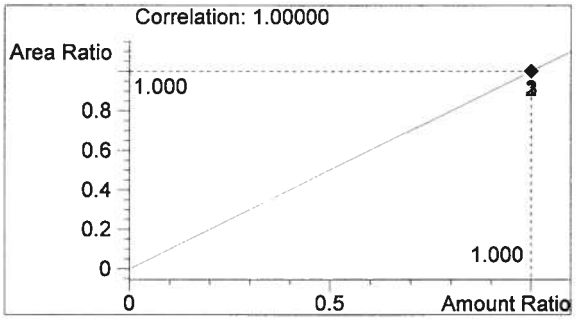
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1859	1.828

Totals:

CJ



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09036

Sequence Parameters:

Operator:	asa louis
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	090911A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A067397 - exp 09/2013
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC	1	Calib		
5	Vial 5	neg ctrl - al	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 ctrl - al	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 ctrl - al	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 ctrl - al	SIMALC	1	Ctrl Samp		
9	Vial 9	neg ctrl - al	SIMALC	1	Ctrl Samp		
10	Vial 10	qap0.04 09034 #1	SIMALC	1	Sample		
11	Vial 11	qap0.04 09034 #2	SIMALC	1	Sample		
12	Vial 12	qap0.04 09034 #3	SIMALC	1	Sample		
13	Vial 13	qap0.04 09034 #4	SIMALC	1	Sample		
14	Vial 14	qap0.04 09034 #5	SIMALC	1	Sample		
15	Vial 15	0.10 ctrl - al	SIMALC	1	Ctrl Samp		
16	Vial 16	neg ctrl - al	SIMALC	1	Ctrl Samp		
17	Vial 17	qap0.08 09035 #1	SIMALC	1	Sample		
18	Vial 18	qap0.08 09035 #2	SIMALC	1	Sample		
19	Vial 19	qap0.08 09035 #3	SIMALC	1	Sample		
20	Vial 20	qap0.08 09035 #4	SIMALC	1	Sample		
21	Vial 21	qap0.08 09035 #5	SIMALC	1	Sample		
22	Vial 22	0.10 ctrl - al	SIMALC	1	Ctrl Samp		
23	Vial 23	neg ctrl - al	SIMALC	1	Ctrl Samp		
24	Vial 24	qap0.10 09036 #1	SIMALC	1	Sample		
25	Vial 25	qap0.10 09036 #2	SIMALC	1	Sample		
26	Vial 26	qap0.10 09036 #3	SIMALC	1	Sample		
27	Vial 27	qap0.10 09036 #4	SIMALC	1	Sample		
28	Vial 28	qap0.10 09036 #5	SIMALC	1	Sample		
29	Vial 29	0.10 ctrl - al	SIMALC	1	Ctrl Samp		
30	Vial 30	neg ctrl - al	SIMALC	1	Ctrl Samp		
31	Vial 31	qap0.15 09037 #1	SIMALC	1	Sample		
32	Vial 32	qap0.15 09037 #2	SIMALC	1	Sample		

Studs with 09034

AK 20090914 = 09034 = 09035 = 09036 09037

AK 20090916

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	qap0.15 09037 #3	SIMALC	1	Sample		
34	Vial 34	qap0.15 09037 #4	SIMALC	1	Sample		
35	Vial 35	qap0.15 09037 #5	SIMALC	1	Sample		
36	Vial 36	0.10 ctrl - al	SIMALC	1	Ctrl Samp		
37	Vial 37	neg ctrl - al	SIMALC	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 cal 1	SIMALC	1	Replace	Replace	
3	Vial 3	0.158 cal 2	SIMALC	2	Replace	Replace	
4	Vial 4	0.316 cal 3	SIMALC	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

A
2009 0914

09034
09035
09036
09037

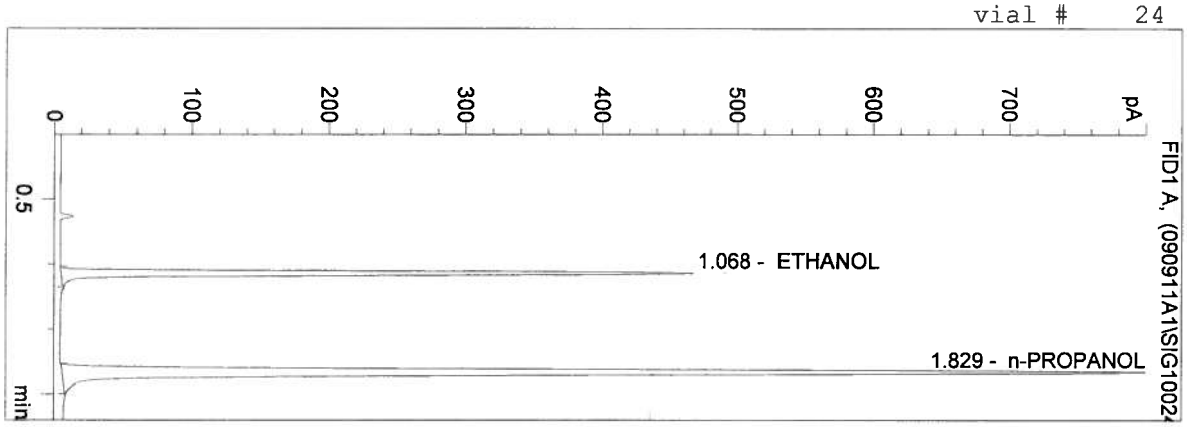
A
2009 0916

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/11/2009 10:06:20 AM
Instrument 3
db-alc2

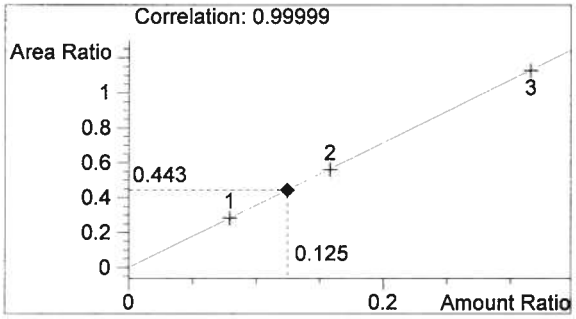
qap0.10 09036 #1
asa louis

vial # 24

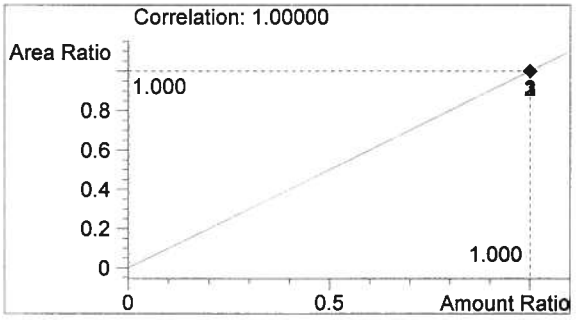


#	Compound	Area	RT
1	ETHANOL	1028	1.068
2	n-PROPANOL	2321	1.829

Totals:



ETHANOL 0.125 g/100ml



n-PROPANOL 1.000 g/100ml

AC
20090914

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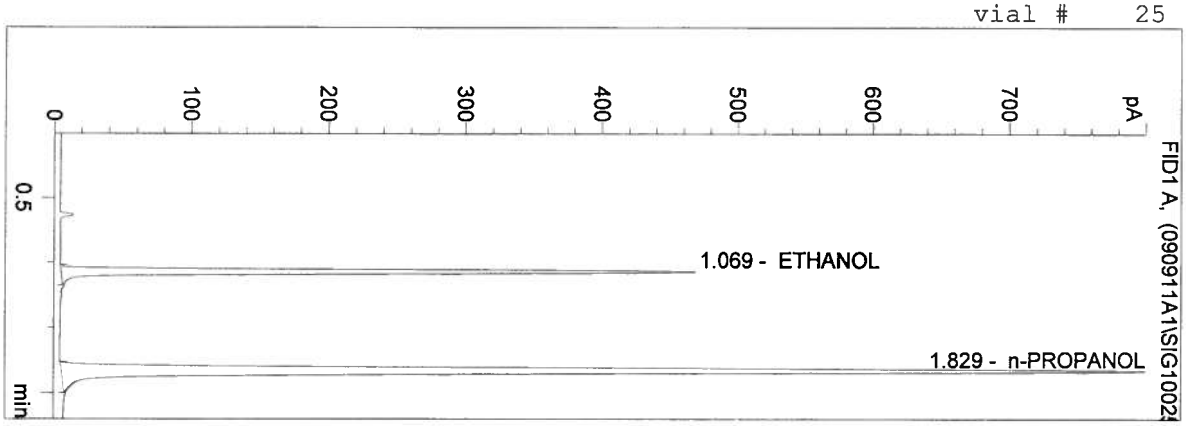
20090916

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/11/2009 10:09:27 AM
Instrument 3
db-alc2

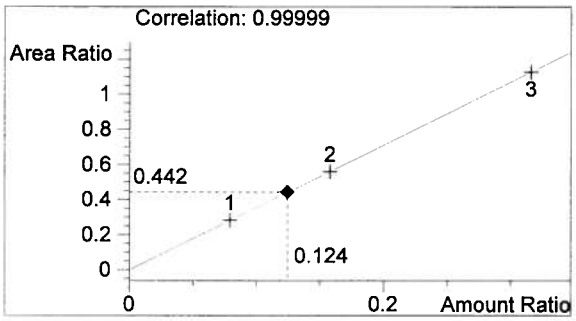
qap0.10 09036 #2
asa louis

vial # 25

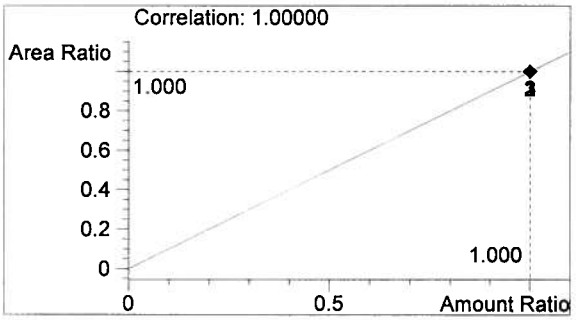


#	Compound	Area	RT
1	ETHANOL	1030	1.069
2	n-PROPANOL	2330	1.829

Totals:



ETHANOL 0.124 g/100ml



n-PROPANOL 1.000 g/100ml

A
20090914

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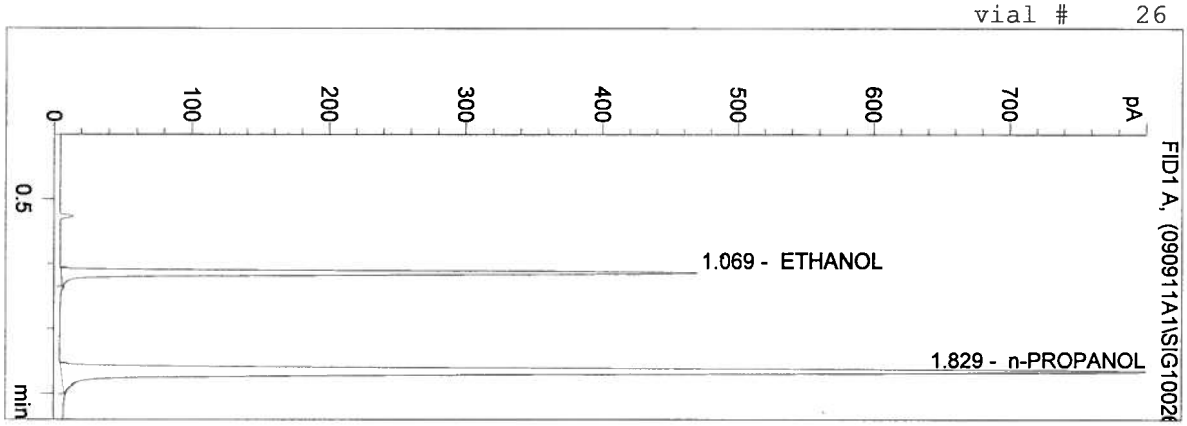
20090916

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/11/2009 10:12:35 AM
Instrument 3
db-alc2

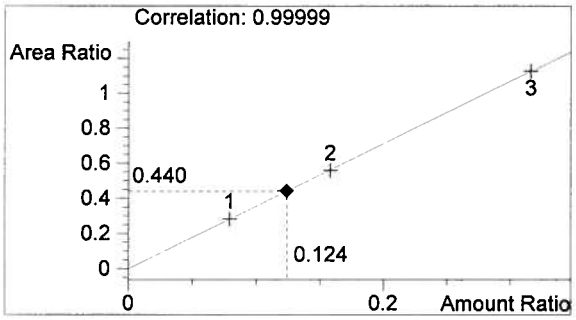
qap0.10 09036 #3
asa louis

vial # 26

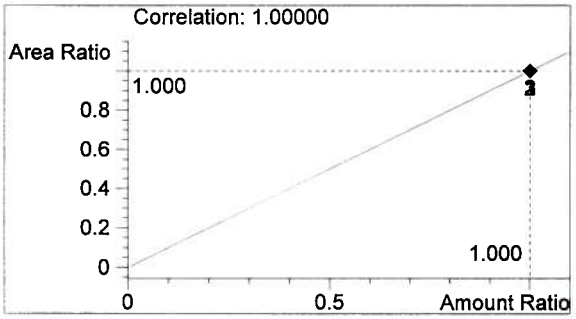


#	Compound	Area	RT
1	ETHANOL	1029	1.069
2	n-PROPANOL	2336	1.829

Totals:



ETHANOL 0.124 g/100ml



n-PROPANOL 1.000 g/100ml

A
2009 09 14

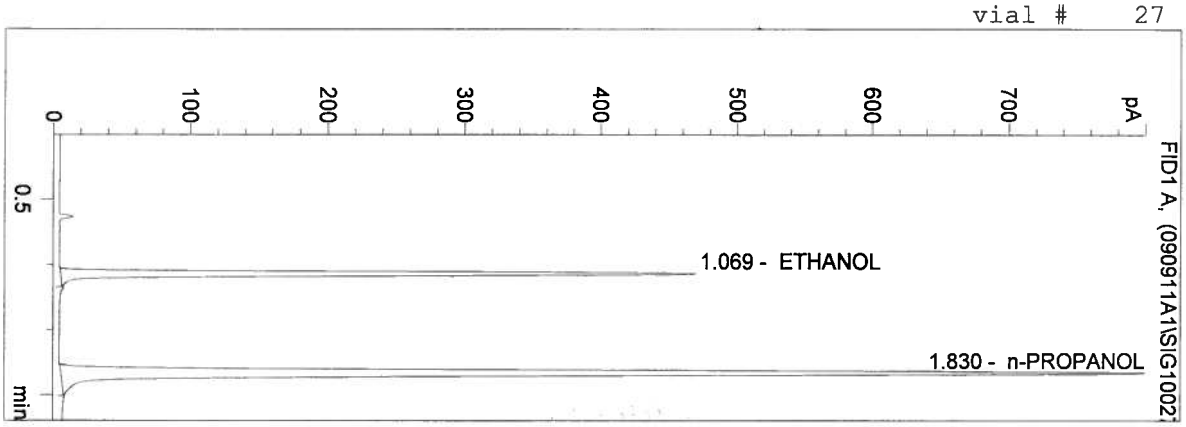
A
2009 09 16

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/11/2009 10:15:43 AM
Instrument 3
db-alc2

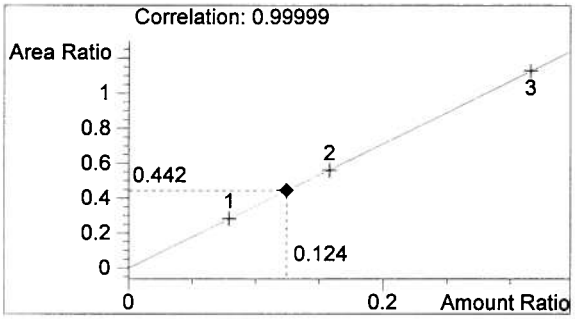
qap0.10 09036 #4
asa louis

vial # 27

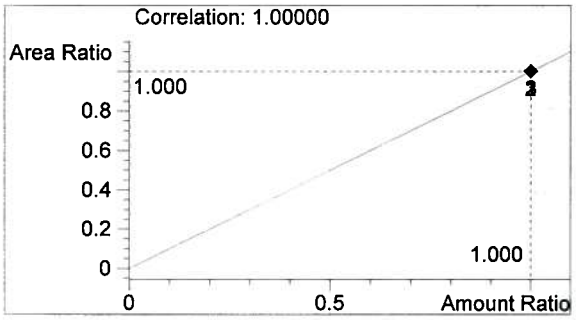


#	Compound	Area	RT
1	ETHANOL	1030	1.069
2	n-PROPANOL	2331	1.830

Totals:



ETHANOL 0.124 g/100ml



n-PROPANOL 1.000 g/100ml

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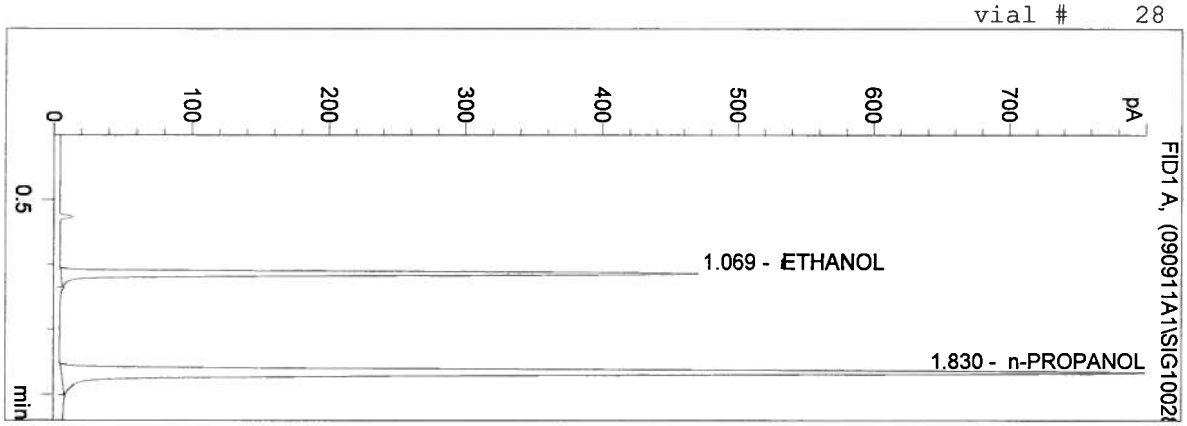
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/11/2009 10:18:51 AM
Instrument 3
db-alc2

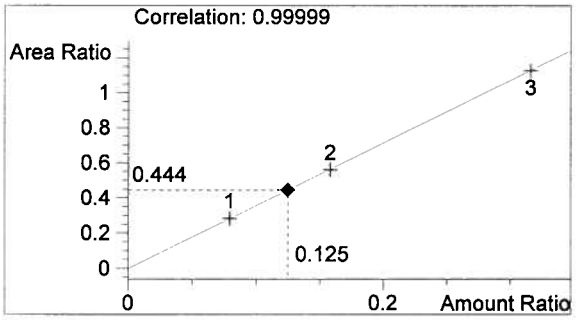
qap0.10 09036 #5
asa louis

vial # 28

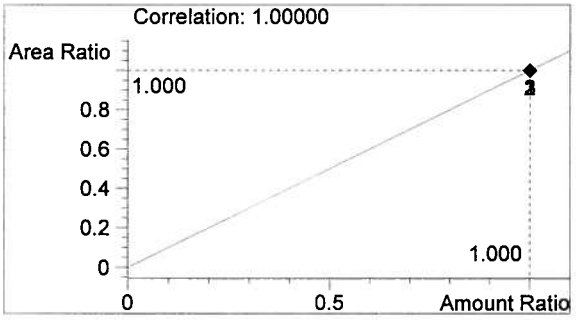


#	Compound	Area	RT
1	ETHANOL	1033	1.069
2	n-PROPANOL	2327	1.830

Totals:



ETHANOL 0.125 g/100ml



n-PROPANOL 1.000 g/100ml

AC
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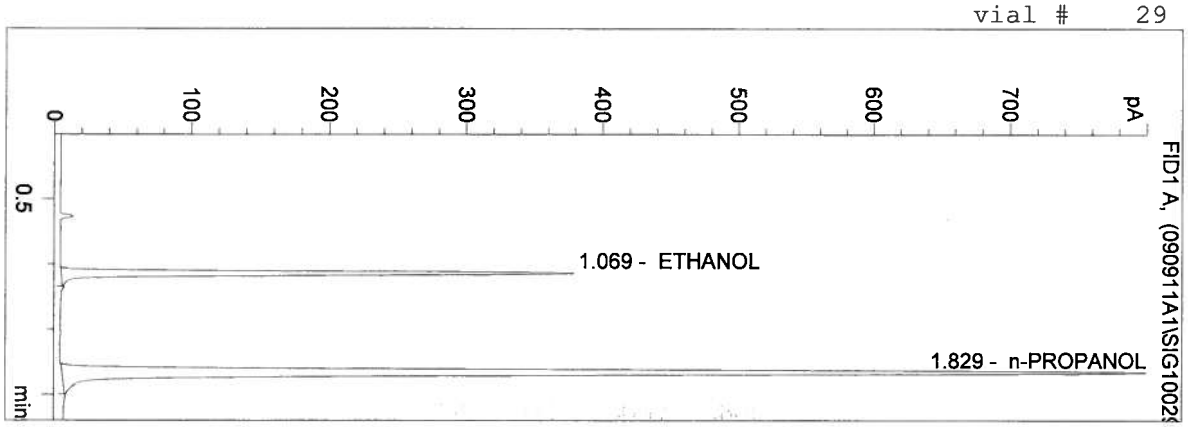
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/11/2009 10:21:59 AM
Instrument 3
db-alc2

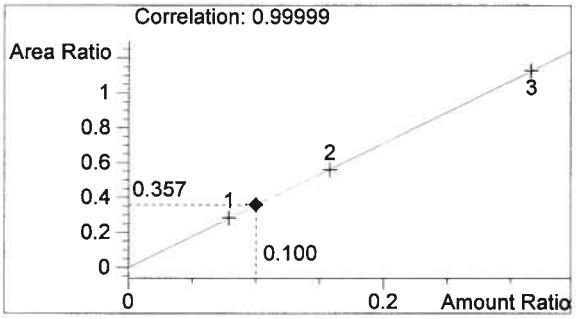
0.10 ctrl - al
asa louis

vial # 29

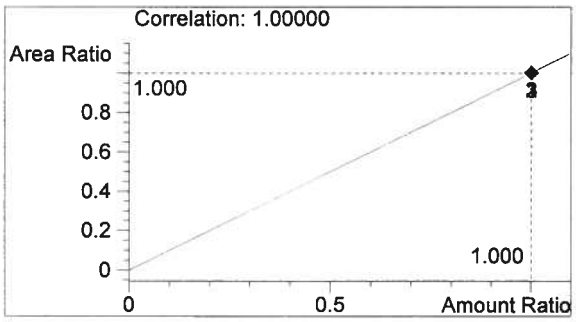


#	Compound	Area	RT
1	ETHANOL	829	1.069
2	n-PROPANOL	2325	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

AL
20090914

09036

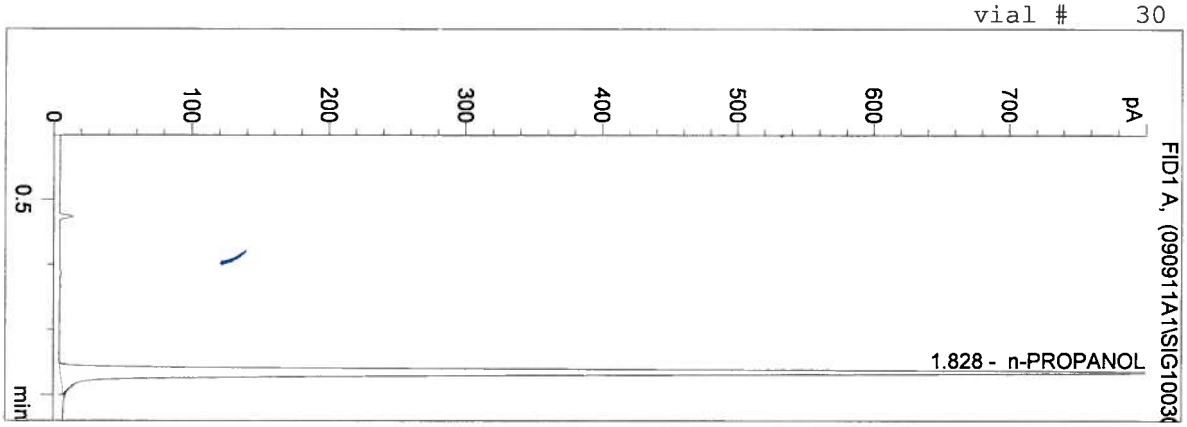
AL
20090916

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/11/2009 10:25:06 AM
Instrument 3
db-alc2

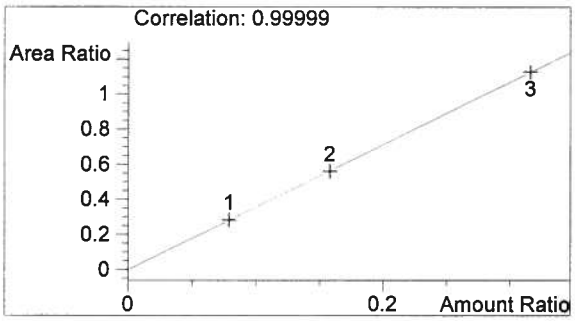
neg ctrl - al
asa louis

vial # 30

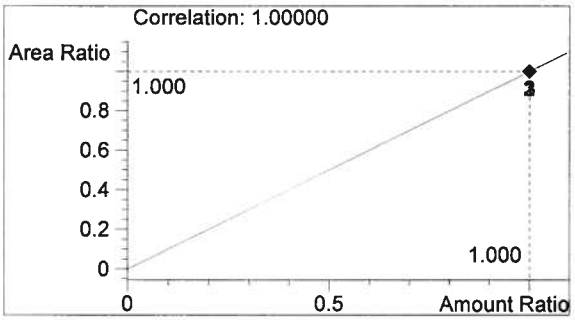


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2357	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

A
20090914

09036

A
20090916

Sequence: C:\HPCHEM\1\SEQUENCE\CMEXTSTD.S

Sequence Parameters:

Operator:	Christie Mitchell
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	090914CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A067397 - exp 09/2013
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL-CM	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CM	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CM	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CM	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CM	SIMALC	1	Ctrl Samp		
10	Vial 10	ESS 09034 #1	SIMALC	1	Sample		
11	Vial 11	ESS 09034 #2	SIMALC	1	Sample		
12	Vial 12	ESS 09034 #3	SIMALC	1	Sample		
13	Vial 13	ESS 09034 #4	SIMALC	1	Sample		
14	Vial 14	ESS 09034 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-CM	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CM	SIMALC	1	Ctrl Samp		
17	Vial 17	ESS 09035 #1	SIMALC	1	Sample		
18	Vial 18	ESS 09035 #2	SIMALC	1	Sample		
19	Vial 19	ESS 09035 #3	SIMALC	1	Sample		
20	Vial 20	ESS 09035 #4	SIMALC	1	Sample		
21	Vial 21	ESS 09035 #5	SIMALC	1	Sample		
22	Vial 22	0.10 CTRL-CM	SIMALC	1	Ctrl Samp		
23	Vial 23	NEG CTRL-CM	SIMALC	1	Ctrl Samp		
24	Vial 24	ESS 09036 #1	SIMALC	1	Sample		
25	Vial 25	ESS 09036 #2	SIMALC	1	Sample		
26	Vial 26	ESS 09036 #3	SIMALC	1	Sample		
27	Vial 27	ESS 09036 #4	SIMALC	1	Sample		
28	Vial 28	ESS 09036 #5	SIMALC	1	Sample		
29	Vial 29	0.10 CTRL-CM	SIMALC	1	Ctrl Samp		
30	Vial 30	NEG CTRL-CM	SIMALC	1	Ctrl Samp		
31	Vial 31	ESS 09037 #1	SIMALC	1	Sample		
32	Vial 32	ESS 09037 #2	SIMALC	1	Sample		

CM QAP

CM

09034
09035
09036
09037

Sequence: C:\HPCHEM\1\SEQUENCE\CMEXTSTD.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	ESS 09037 #3	SIMALC	1	Sample		
34	Vial 34	ESS 09037 #4	SIMALC	1	Sample		
35	Vial 35	ESS 09037 #5	SIMALC	1	Sample		
36	Vial 36	0.10 CTRL-CM	SIMALC	1	Ctrl Samp		
37	Vial 37	NEG CTRL-CM	SIMALC	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

CM

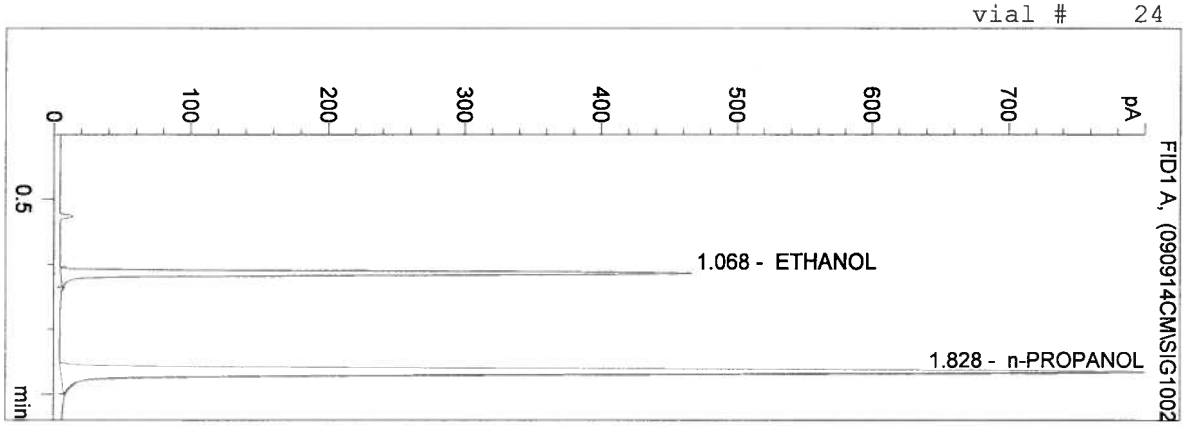
09034
09035
09036
09037

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/14/2009 2:13:23 PM
Instrument 3
db-alc2

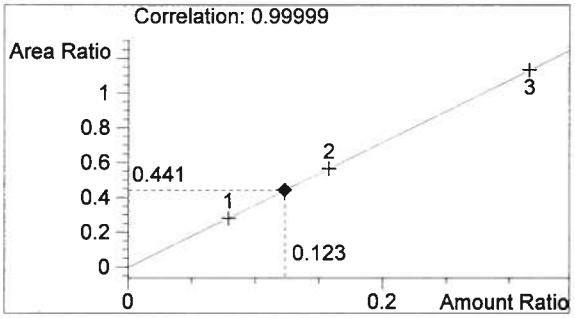
CM ~~ESS~~ QAP 09036 #1
Christie Mitchell

vial # 24

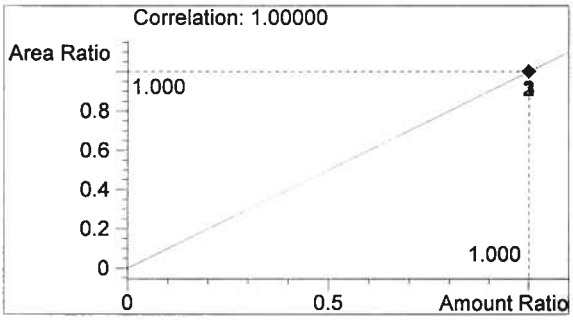


#	Compound	Area	RT
1	ETHANOL	1029	1.068
2	n-PROPANOL	2332	1.828

Totals:



ETHANOL 0.123 g/100ml



n-PROPANOL 1.000 g/100ml

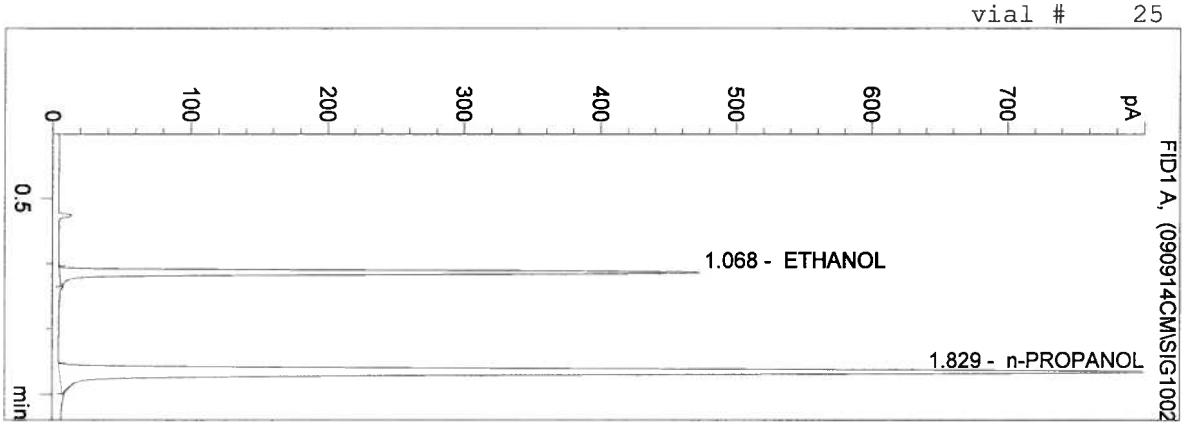
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/14/2009 2:16:31 PM
Instrument 3
db-alc2

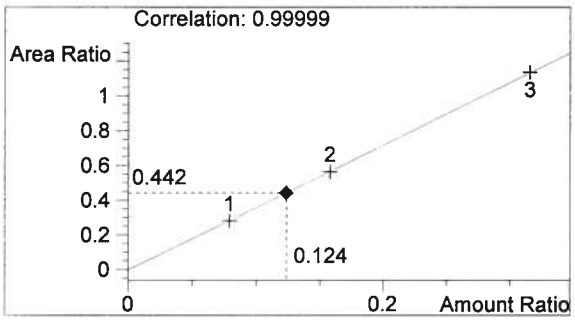
CM QAP ~~ESS~~ 09036 #2
Christie Mitchell

vial # 25

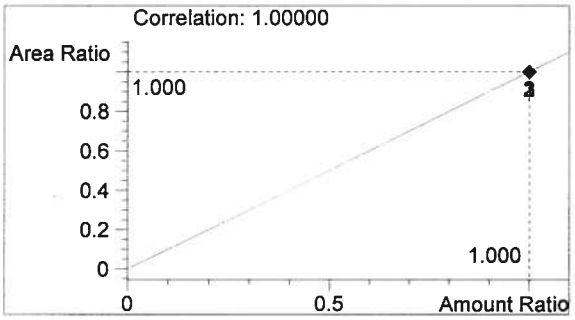


#	Compound	Area	RT
1	ETHANOL	1044	1.068
2	n-PROPANOL	2360	1.829

Totals:



ETHANOL 0.124 g/100ml



n-PROPANOL 1.000 g/100ml

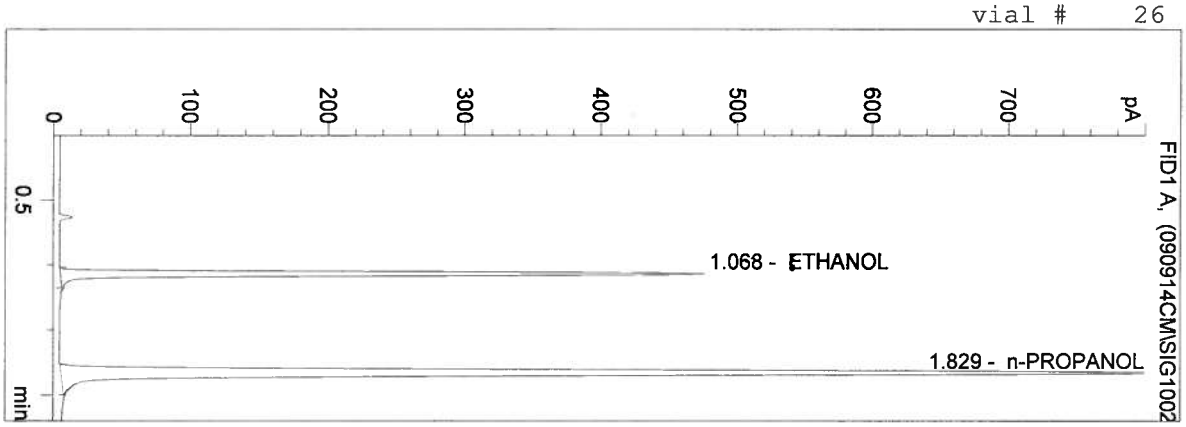
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/14/2009 2:19:38 PM
Instrument 3
db-alc2

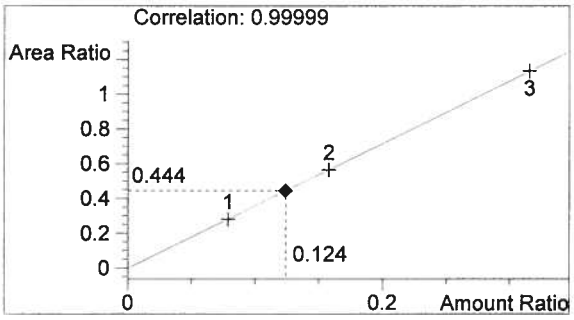
QAP
CM ~~ESS~~ 09036 #3
Christie Mitchell

vial # 26

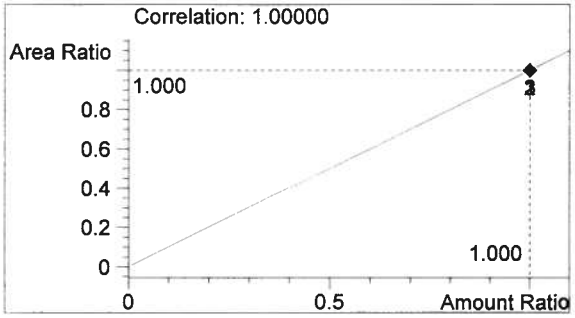


#	Compound	Area	RT
1	ETHANOL	1049	1.068
2	n-PROPANOL	2364	1.829

Totals:



ETHANOL 0.124 g/100ml



n-PROPANOL 1.000 g/100ml

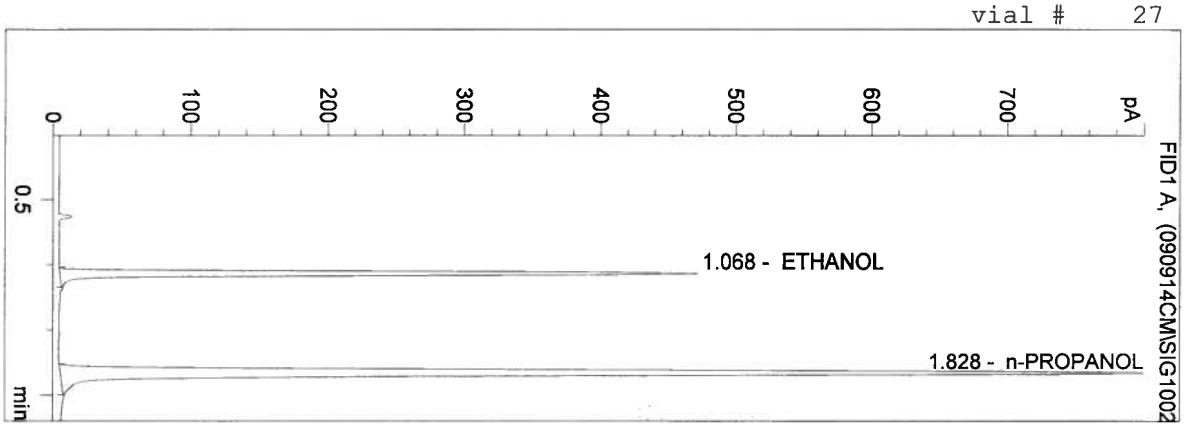
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/14/2009 2:22:46 PM
Instrument 3
db-alc2

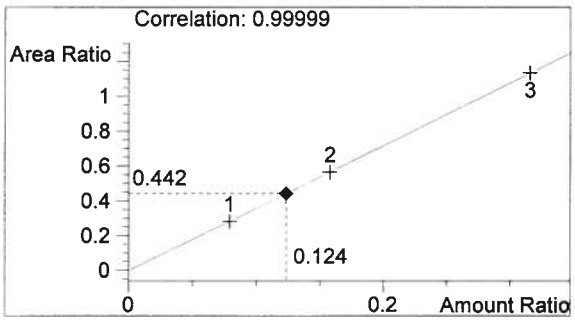
QAP
CM ~~ESS~~ 09036 #4
Christie Mitchell

vial # 27

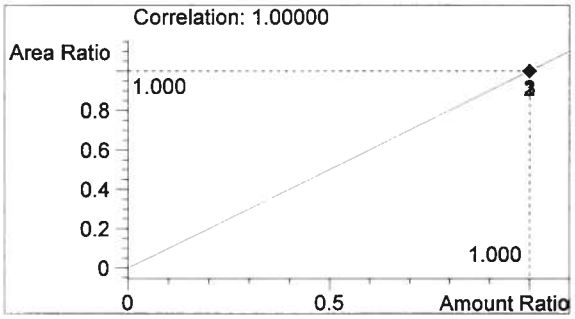


#	Compound	Area	RT
1	ETHANOL	1036	1.068
2	n-PROPANOL	2346	1.828

Totals:



ETHANOL 0.124 g/100ml



n-PROPANOL 1.000 g/100ml

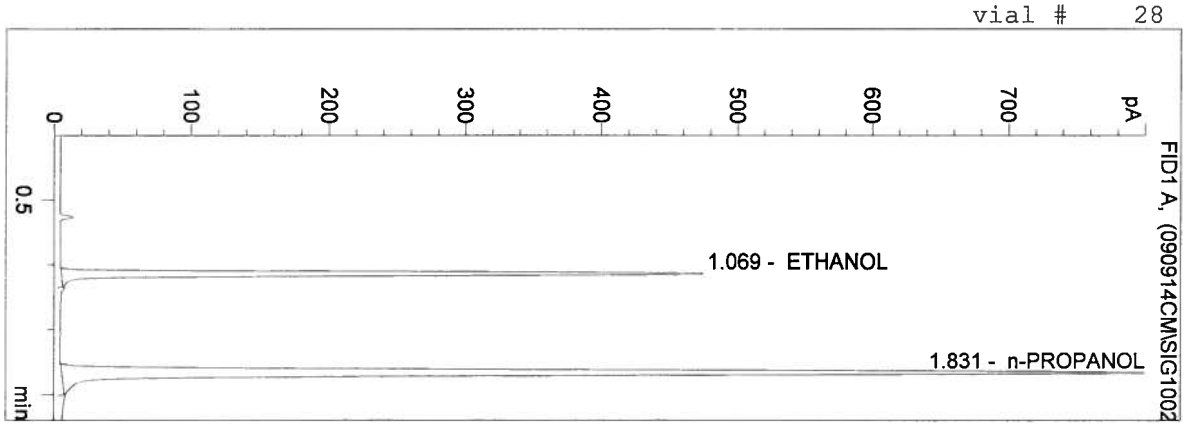
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/14/2009 2:25:54 PM
Instrument 3
db-alc2

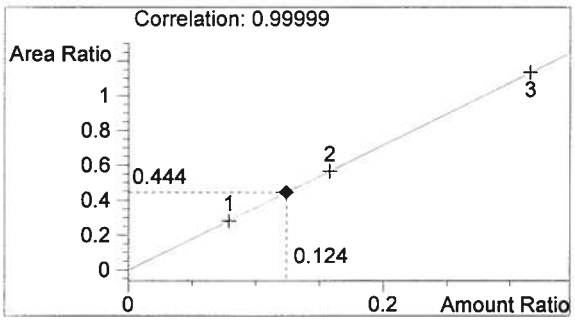
CM ~~ESS~~ QAP 09036 #5
Christie Mitchell

vial # 28

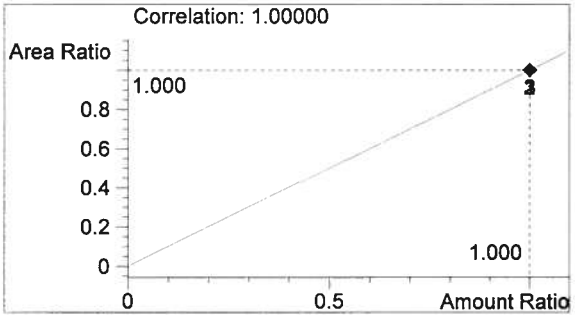


#	Compound	Area	RT
1	ETHANOL	1037	1.069
2	n-PROPANOL	2335	1.831

Totals:



ETHANOL 0.124 g/100ml



n-PROPANOL 1.000 g/100ml

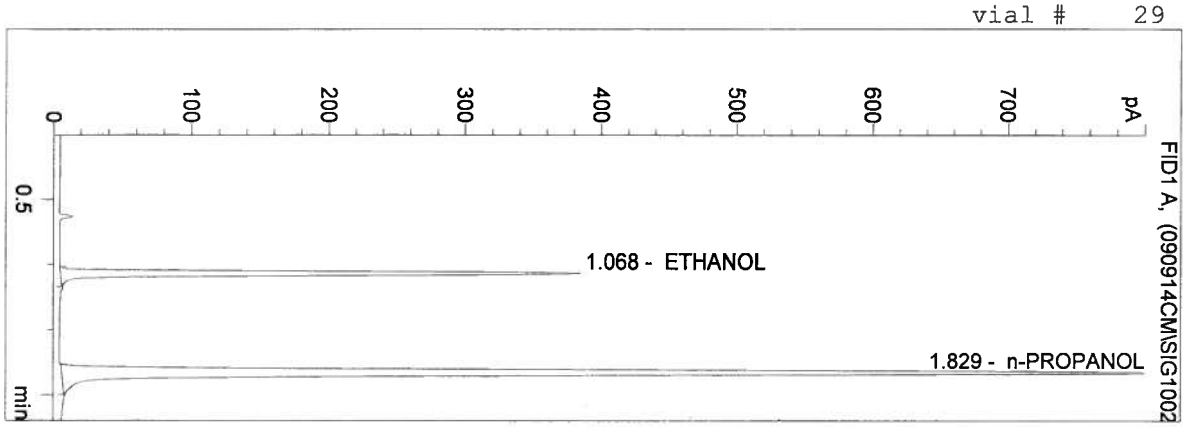
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/14/2009 2:29:02 PM
Instrument 3
db-alc2

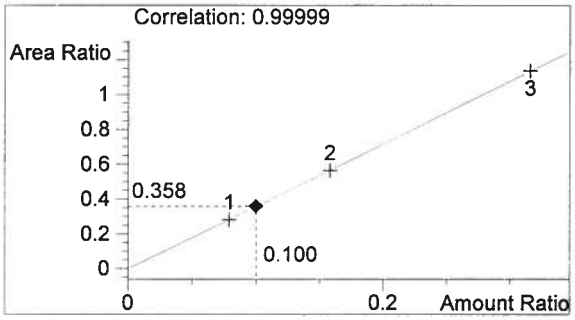
0.10 CTRL-CM
Christie Mitchell

vial # 29

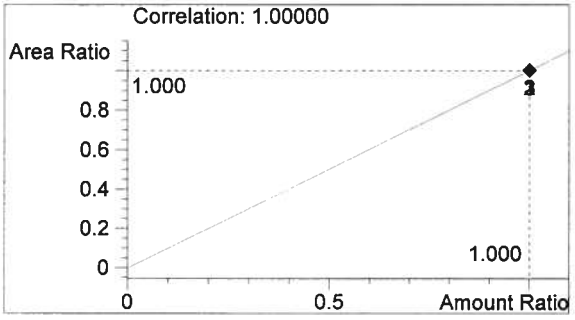


#	Compound	Area	RT
1	ETHANOL	842	1.068
2	n-PROPANOL	2354	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

CM

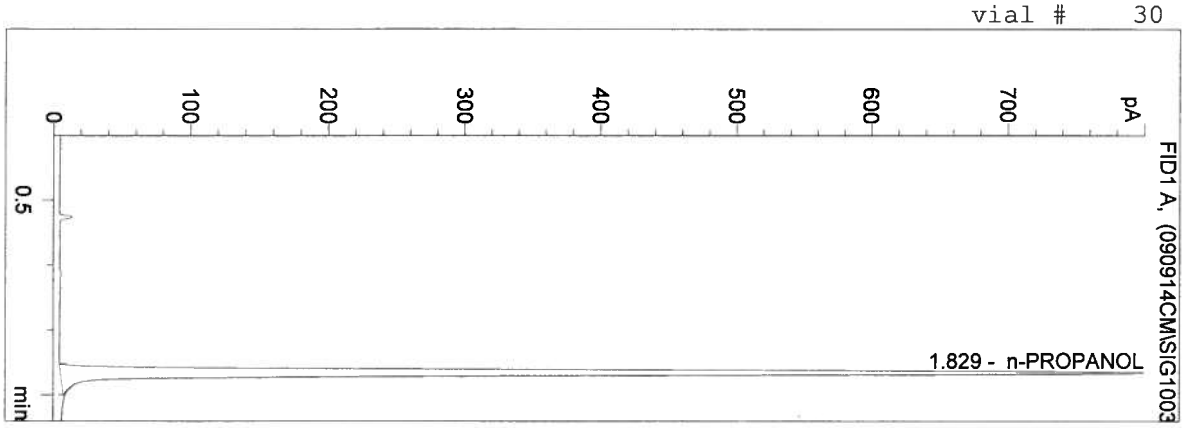
09036

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
9/14/2009 2:32:10 PM
Instrument 3
db-alc2

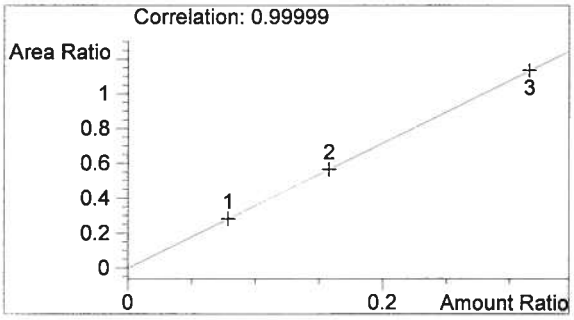
NEG CTRL-CM
Christie Mitchell

vial # 30

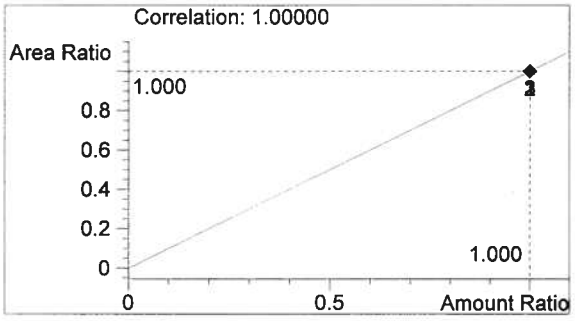


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2382	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CM

09036

Washington State Patrol Toxicology Laboratory Division

QAP SOLUTION PREPARATION WORKSHEET

Batch #: 09034, 09035, 09036, 09037

Preparer: CJ

Date Prepared: 9/8/2009

Expiration Date: 9/8/2010

Lot 200 Proof (100%) Ethanol Used: XV3014

Date 200 Proof Ethanol Opened: 6/11/2009
(Ethanol standard is approved for use for 6 months after opening unless an extension is approved by the State Toxicologist.)

Vapor Concentration of QAP	Amount of Ethanol	Amount of Deionized Water		
0.04	11.2 mL	18 L	☒	09034
0.08	22.4 mL	18 L	☒	09035
0.1	28.1 mL	18 L	☒	09036
0.15	42.0 mL	18 L	☒	09037

Stir Bar is Rotating ☒

Stirred for at least 30 minutes ☒

Spigot Purged ☒

Aliquot Taken ☒

Batch Labeled Packaged and Sealed ☒ 9/9/09 CJ
Date

Analyst

9/9/09
Date