REVIEWED

Analytical Method(s): 1.0

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

BLALC Volatiles QA_QC Data Spreadsheet-v5.xls

ML600HC11378 Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number:

1/27/2023 1/20/23 Calibration Date: (if different) Run Date(s): Volatiles Quality Assurance Controls

				B	y F	Kac	ene	10	uti
6231	Overall Results	0.0806 g/100cc	0.0841 g/100cc	g/100cc	0.2144 g/100cc	0.2137 g/100cc	g/100cc		0.99964
	Acceptable Range		0.0727-0.0889			0.1953-0.2387		FN06041902	Column2
Worklist #:	Acceptal		0.0727			0.1953		FN06	0.99962
Wor	Target Value		0.0808			0.2170		Lot#	0.0
	Target		0.0			0.2		Oct. 2024	Column 1
	Lot#		2101199			1907007		Oct.	
	Lo		210			190′		Exp:	
	Expiration	•	Feb-25			Jul-23		Multi-Component mixture:	Curve Fit:
	Control level		Level 1			Level 2		Multi-Compo	*

Material
Reference
Calibration
Ethanol

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Column 1 Column 2 Precision	Mean
50	0.050	0.045 - 0.055	0.0545	0.0544	0.0001	0.0544
100	0.100	0.090 - 0.110	0.0988	0.0987	0.0001	0.0987
200	0.200	0.180 - 0.220	0.1961	0.1961	0	0.1961
300	0.300	0.270 - 0.330	0.2979	0.2982	0.0003	0.298
400	0.400	0.360 - 0.440	N/A	N/A	########	#DIV/0!
500	0.500	0.450 - 0.550	0.5025	0.5023	0.0002	0.5024

Aqueous Controls

Control level	Target Value	Acceptable Range	Overal	Overall Results
80	0.080	0.076 - 0.084	0.080	g/100cc



Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

BLALC Volatiles QA_QC Data Spreadsheet-v5.xls

Page: 1 of 2

Internal Standard Monitoring Worksheet

1/27/2023	年 本 日 一 日 一 日 一 日 一 日 日 日 日 日 日 日 日 日 日 日
Run Date(s):	· · · · · · · · · · · · · · · · · · ·
6231	
Worklist #	WOLMISE II.

2/31/23												_				
Exp Date: 2/31/23	1	2 Value	098	28	127	550	721	593			230976	242396	258475	271156		
8/31/2022		Column 2 Value	212860	210128	210027	214650	258721	259593			230	242	258	271		
Dron Dote.		Column 1 Value	196421	193419	193810	197987	237897	238677			212669	223089	237668	249514		
	Internal Standard Solution:	Sample Name	0.080	0.080	0001	0001	0001	QC1	QC1	QC1	QC2	QC2	, , ,	QC2	QC2	QC2

	Average	(-)20%	(+)20%
			1001170
Column 1	218115.1	174492.1	201/30.1
Column			0 11110
Column 2	236898.2	189518.6	0.1/7407

7

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

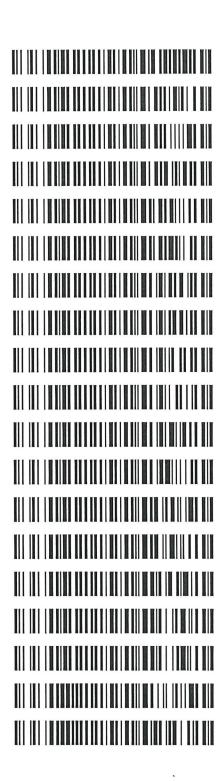
Revision: 5

Page: 2 of 2

BLALC Volatiles QA_QC Data Spreadsheet-v5.xls

Worklist: 6231

LAB CASE	<u>ITEM</u>	ITEM TYPE	DESCRIPTION
M2023-0225	1	вск	Alcohol Analysis
M2023-0245	1	вск	Alcohol Analysis
M2023-0249	3	вск	Alcohol Analysis
M2023-0256	1	вск	Alcohol Analysis
M2023-0259	1	вск	Alcohol Analysis
M2023-0285	1	вск	Alcohol Analysis
M2023-0286	1	ВСК	Alcohol Analysis
M2023-0288	1	вск	Alcohol Analysis
M2023-0289	1	вск	Alcohol Analysis
M2023-0290	1	вск	Alcohol Analysis
M2023-0294	1	вск	Alcohol Analysis
M2023-0295	2	вск	Alcohol Analysis
M2023-0313	1	вск	Alcohol Analysis
M2023-0315	1	вск	Alcohol Analysis
M2023-0331	1	вск	Alcohol Analysis
M2023-0340	1	вск	Alcohol Analysis
M2023-0341	1	вск	Alcohol Analysis
P2023-0124	1	вск	Alcohol Analysis
P2023-0135	1	вск	Alcohol Analysis

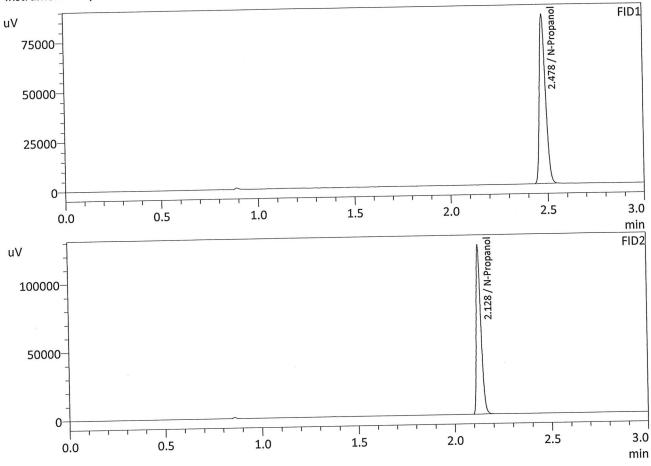


Sample Name Laboratory Injection Date Vial #

: INT STD BLK 1 : Meridian : 1/27/2023 1:18:07 PM

Method Filename Instrument #GC/HS

: C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol			g/100cc
Isopropyl Alcohol			g/100cc
			g/100cc
Acetone	0.0000	188387	g/100cc
N-Propanol Fluor. Hydrocarbon(s)			g/100cc

Name	Conc.	Area	Unit	
Methanol			g/100cc	
Ethanol			g/100cc	
Acetone			g/100cc	
Isopropyl Alcohol			g/100cc	
N-Propanol	0.0000	204671	g/100cc	
Flour. Hydrocarbon(s)			g/100cc	

06

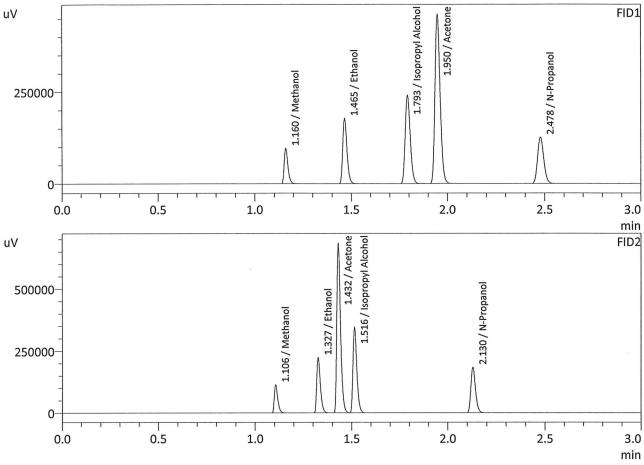
Sample Name Laboratory Injection Date Vial #

: MIXED VOLATILES FN 06041902 : Meridian : 1/27/2023 1:25:28 PM

Method Filename

: C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409

Instrument #GC/HS



1			
Name	Conc.	Area	Unit
Methanol	0.0000	130105	g/100cc
Ethanol	0.4531	270861	g/100cc
Isopropyl Alcohol	0.0000	441746	g/100cc
Acetone	0.0000	848882	g/100cc
N-Propanol	0.0000	278389	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

FID2			
Name	Conc.	Area	Unit
Methanol	0.0000	140842	g/100cc
Ethanol	0.4536	293000	g/100cc
Acetone	0.0000	917843	g/100cc
Isopropyl Alcohol	0.0000	477911	g/100cc
N-Propanol	0.0000	300991	g/100cc
Flour. Hydrocarbon(s)			g/100cc

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC 1-1 Item #				Analysis Date(s)	: 1/27/23	
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0791	0.0790	0.0001	0.0790	0.0032	0.0806
(g/100cc)	0.0823	0.0821	0.0002	0.0822	0.0032	0.0800
Analysis Metl	ıod					
Refer to Blood	Alcohol Metho	d #1				
				Luctuum	information is stor	and contrally
Instrument Ir	iformation			Instrument		ea cemrany.
Refer to Instrume	ent Method: Alcol	nol.m/.gcm, Vola	tiles.m/.gcm			
Reporting of	Results		Uncertain	ty of Measure	ment (UM%)	: 5.00%
Ove	erall Mean (g/10	00cc)	Low	High	5% o	f Mean
0.080		0.076	6 0.084 0.004		004	
		F	Reported Res	ult		
			0.080		Notes:	

Calibration and control data are stored centrally.

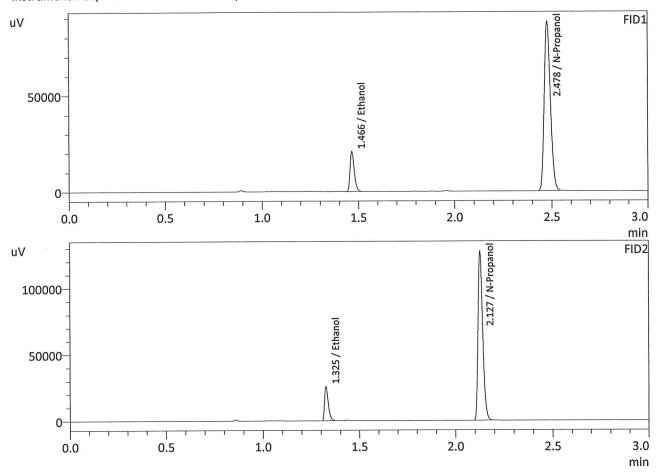
Revision: 2

Issue Date: 12/27/2022
Issuing Authority: Quality Manager

: QC-1-1-A : Meridian : 1/27/2023 1:32:48 PM

Sample Name Laboratory Injection Date Vial # Method Filename Instrument #GC/HS

: C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



FID1			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0791	31944	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	193810	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

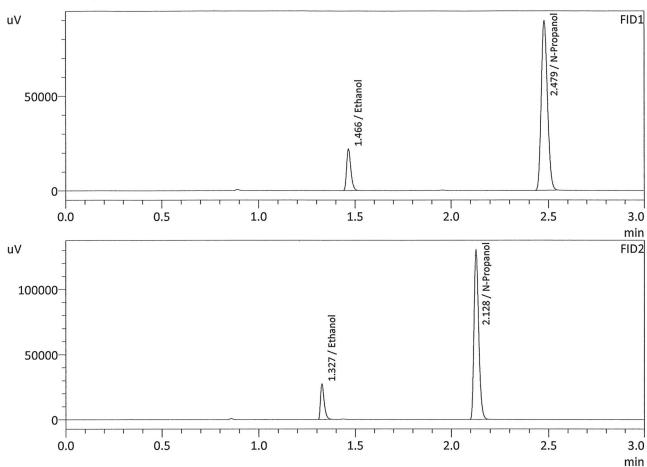
FID2			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0790	34378	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	210027	g/100cc
Flour. Hydrocarbon(s)			g/100cc

: QC-1-1-B : Meridian

Sample Name Laboratory Injection Date Vial # Method Filename Instrument #GC/HS

: 1/27/2023 1:41:40 PM

: C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



FID1			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0823	33965	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	197987	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

FID2			
Name	Conc.	Area	Unit
Methanol	~		g/100cc
Ethanol	0.0821	36579	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	214650	g/100cc
Flour. Hydrocarbon(s)			g/100cc

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: 0.080 QA Item# Analysis Date(s): 1/27/23 Sample A-B Column 2 Column 1 Column Precision Over-all Mean Mean Value Difference FID B FID A Sample Results 0.0794 0.0001 0.0794 0.0795 0.0017 0.0803 (g/100cc) 0.0810 0.0003 0.0811 0.0813

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results	Uncertainty of Measurement (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	0.076	0.084	0.004

Reported Result	
0.080	Notes:

Calibration and control data are stored centrally.

16

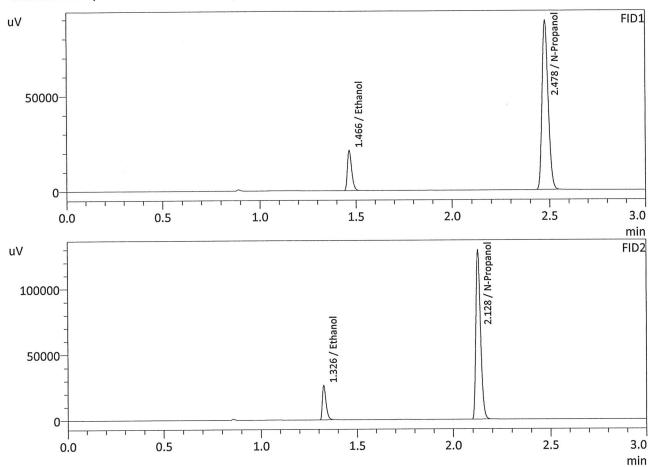
Revision: 2

Issue Date: 12/27/2022
Issuing Authority: Quality Manager

: 0.08 QA-A : Meridian : 1/27/2023 1:49:08 PM

Sample Name Laboratory Injection Date Vial # Method Filename Instrument #GC/HS

: C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



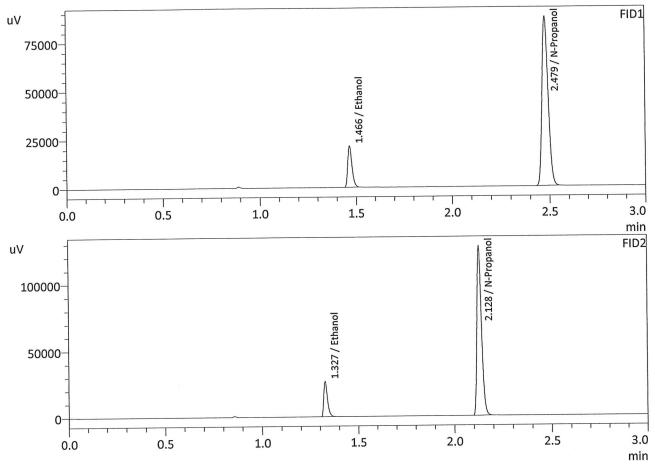
FID1			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0795	32543	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	196421	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

D2			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0794	35000	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	212860	g/100cc
Flour. Hydrocarbon(s)			g/100cc

: 0.08 QA-B : Meridian : 1/27/2023 1:57:39 PM

Sample Name Laboratory Injection Date Vial # Method Filename Instrument #GC/HS

: C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



ID1			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0813	32802	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	193419	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

ID2			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0810	35311	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	210128	g/100cc
Flour. Hydrocarbon(s)			g/100cc

VOLATILES BAC CASEFILE WORKSHEET

Analysis Date(s): 1/27/23 Laboratory No.: QC 2-1 Item# Sample A-B Column 2 Column 1 Over-all Mean Column Precision Mean Value Difference FID B FID A Sample Results 0.0002 0.2139 0.2140 0.2138 0.0011 0.2144 (g/100cc) 0.0002 0.2150 0.2149 0.2151

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results	Uncertainty of Measurement (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5% of Mean
0.214	0.203	0.225	0.011

Reported Result	
0.214	Notes:

Page: 1 of 1

Calibration and control data are stored centrally.

70

Revision: 2

Issue Date: 12/27/2022
Issuing Authority: Quality Manager

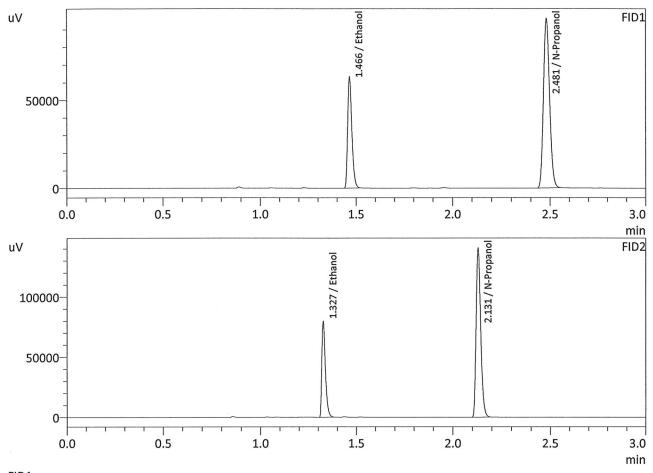
Sample Name Laboratory Injection Date Vial #

: QC-2-1-A : Meridian

: 1/27/2023 4:30:52 PM

Method Filename Instrument #GC/HS

: 25 : C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



FID1			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2138	96939	g/100cc
Isopropyl Alcohol			g/100cc
Acetone		·	g/100cc
N-Propanol	0.0000	212669	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

FID2			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2140	105174	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	230976	g/100cc
Flour. Hydrocarbon(s)			g/100cc

: QC-2-1-B : Meridian

: 1/27/2023 4:39:35 PM

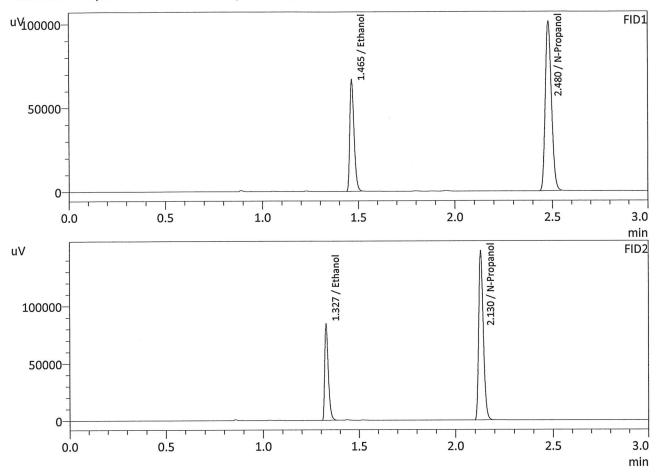
Sample Name Laboratory Injection Date Vial #

: 26

Method Filename

: C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409

Instrument #GC/HS



FID1			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2149	102196	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	223089	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

FID2			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2151	110979	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	242396	g/100cc
Flour. Hydrocarbon(s)			g/100cc



VOLATILES BAC CASEFILE WORKSHEET

Laboratory N	Laboratory No.: QC 1-2		Item # Analysis Date(s): 1/27/23		Item #		: 1/27/23
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean	
Sample Results	0.0842	0.0842	0.0000	0.0842	0.0001	0.0841	
(g/100cc)	0.0842	0.0841	0.0001	0.0841	0.0001	0.0841	

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results Uncertainty of Measurement (UM%): 5.00%				
Overall Mean (g/100cc)		Low	High	5% of Mean
0.084		0.079	0.089	0.005
	Reported Result			
	0.084		Notes:	

Calibration and control data are stored centrally.

Revision: 2

Issue Date: 12/27/2022

Issuing Authority: Quality Manager

Sample Name Laboratory

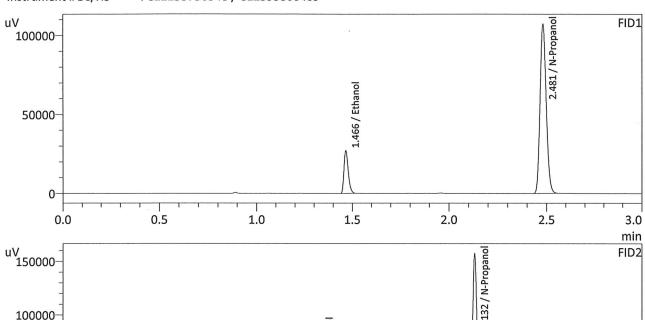
: QC1-2-A : Meridian

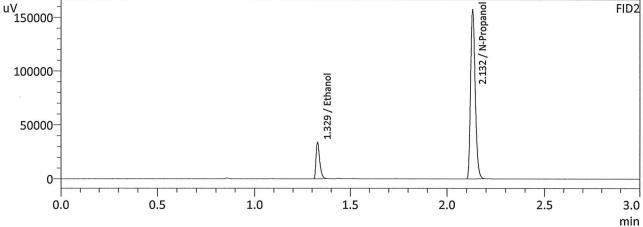
Injection Date Vial #

: 1/27/2023 7:29:37 PM

Method Filename Instrument #GC/HS

: C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409





FID1			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0842	41799	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	237897	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

FID2	,		
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0842	45230	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	258721	g/100cc
Flour. Hydrocarbon(s)			g/100cc

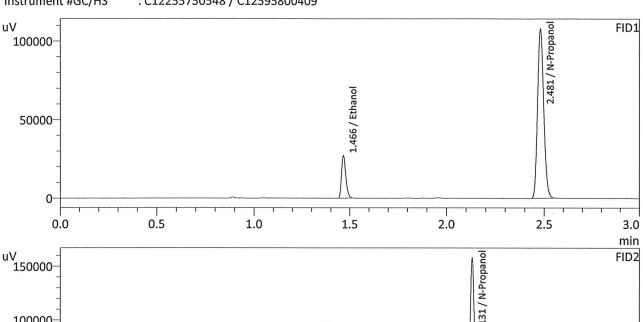


Sample Name Laboratory Injection Date Vial #

: QC1-2-B : Meridian : 1/27/2023 7:39:36 PM : 48

Method Filename Instrument #GC/HS

: C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



150000				N-Propano		FID2
100000			Ethanol	2.131/		
50000			1.328 / Ett			
0					·	
0.0	0.5	1.0	1.5	2.0	2.5	3.0 min

FID1			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0842	41958	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	238677	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

FID2			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0841	45347	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	259593	g/100cc
Flour. Hydrocarbon(s)			g/100cc



VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC 2-2		Item #		Analysis Date(s): 1/27/23		
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2153	0.2150	0.0003	0.2151	0.0028	0.2127
(g/100cc)	0.2124	0.2123	0.0001	0.2123	0.0028	0.2137
Analysis Metl	hod					
Refer to Blood	Alcohol Metho	od #1				
Instrument In	nformation			Instrument i	information is stor	red centrally.
Refer to Instrume	ent Method: Alco	hol.m/.gcm, Volat	iles.m/.gcm		gu engg pablacestic co	
Reporting of	Results		Uncertain	ty of Measure	ment (UM%):	5.00%
Ove	erall Mean (g/10	00cc)	Low	High	5% o	f Mean

Overall Mean (g/100cc)	Low	High	5% of Mean
0.213	0.202	0.224	0.011

Reported Result	
0.213	Notes:

Calibration and control data are stored centrally.

Revision: 2

Issue Date: 12/27/2022 Issuing Authority: Quality Manager

: QC2-2-A : Meridian

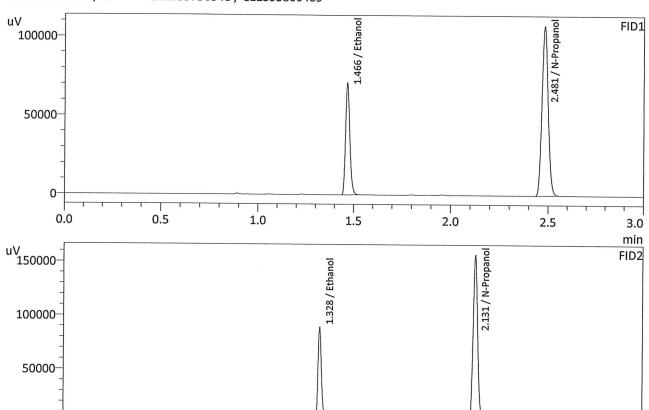
: 1/27/2023 7:47:23 PM

Sample Name Laboratory Injection Date Vial # Method Filename Instrument #GC/HS

0.0

0.5

: 49 : C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2153	109124	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	237668	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

1.0

1.5

2.0

2.5

3.0

ID2			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2150	118260	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	258475	g/100cc
Flour. Hydrocarbon(s)			g/100cc

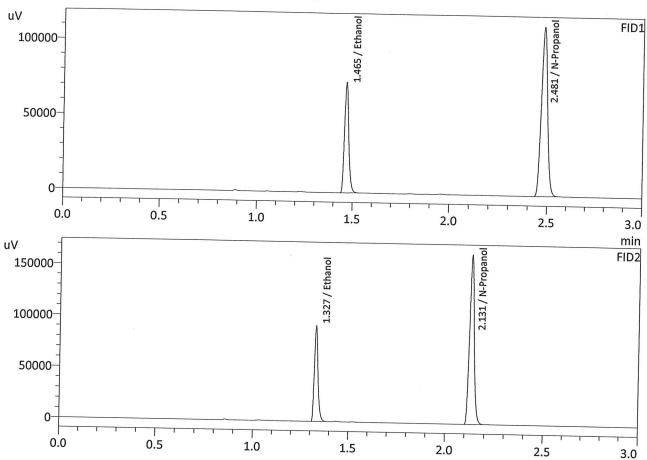
Sample Name Laboratory Injection Date Vial #

: QC2-2-B : Meridian : 1/27/2023 7:54:52 PM

: 50

Method Filename Instrument #GC/HS

: C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



D1			m
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2124	112948	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	249514	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

2			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2123	122478	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	271156	g/100cc
Flour. Hydrocarbon(s)			g/100cc

Meridian Blood Alcohol Analysis Batch Table

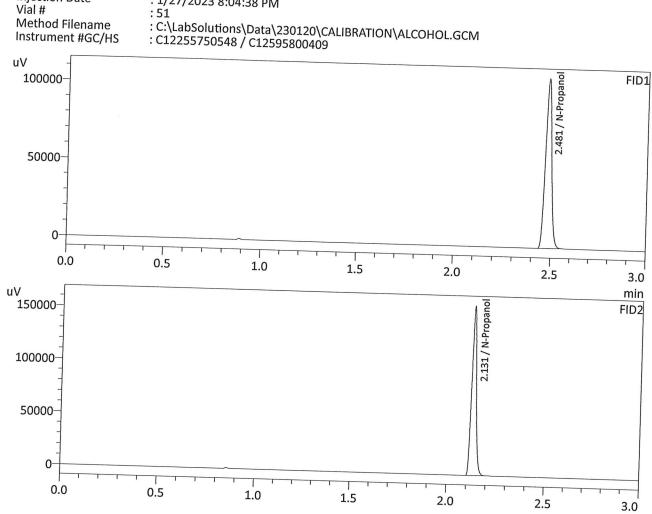
Shimadzu GC-2030 Serial #C12255750548 Shimadzu HS-20 Serial #C12595800409 Lab Solutions Software Ver. 5.99 Copyright (C) 2008-2020 Shimadzu Corporation

Vial#	Sample Name	
1	Sample Name	Method File
2	INT STD BLK 1	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GC
3	ED VOLATILES EN 060	45. Lausolulions/Data/230120/CALIBRATION/ALCOHOL GCM
	QC-1-1-A	\Lausoluulons\Data\Z3U12U\CALIBRATION\ALCOHOL GCN
4	QC-1-1-B	Labsolutions\Data\230120\CALIBRATION\ALCOHOLGCN
5	0.08 QA-A	L:\LabSolutions\Data\230120\CATIBRATION\ATCOUGT CON
6	0.08 QA-B	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GC
	M2023-0225-1-A	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GC
8	M2023-0225-1-B	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
9	M2023-0245-1-A	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
10	M2023-0245-1-B	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
11	M2023-0249-3-A	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
12	M2023-0249-3-B	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
13	M2023-0256-1-A	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
14	M2023-0256-1-B	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
15	M2023-0259-1-A	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
16	M2023-0259-1-B	C./ J. ab Solutions/ Data/230120/CALIBRATION/ALCOHOL. GCN
17	M2023-0285-1-A	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
18	M2023-0285-1-B	C:\LabSolutions\Data\Z30120\CALIBRATION\ALCOHOL.GCN
19	M2023-0286-1-A	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
20	M2023-0286-1-B	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
21	M2023-0288-1-A	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
22	M2023-0288-1-B	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
23	M2023-0289-1-A	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
24	M2023-0289-1-R	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
25	OC-2-1-A	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCN
26	QC-2-1-A QC-2-1-B	
27	M2023-0290-1-A	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM
28	M2023-0290-1-A M2023-0290-1-B	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM
29	M2023-0290-1-B M2023-0294-1-A	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM
30	M2023-0294-1-A M2023-0294-1-B	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM
31	M2023-0294-1-B M2023-0295-2-A	L'ITADSOLUTIONS DATA / 301 / 0/C AT TRRATION AT COLOT CON
32	M2023-0295-2-A M2023-0295-2-B	
33		L. Lausolulions (Data) 230120 (CALIBRATION) AT COHOL GON
34	M2023-0313-1-A M2023-0313-1-B	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM
35	M2023-0315-1-B M2023-0315-1-A	L:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL GCN
36	M2023-0315-1-A M2023-0315-1-B	L.\Labsolutions\Data\230120\CALIBRATION\AICOHOLGON
37	M2023-0315-1-B M2023-0331-1-A	U:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL GCN
38	M2023-0331-1-A M2023-0331-1-B	L:\LabSolutions\Dafa\230120\CALIBRATION\ALCOHOLOGO
39	M2022 0240 1 A	L:\LabSolutions\Data\230120\CALIBRATION\ALCOHOLGCN
40	M2023-0340-1-A	L:\LabSolutions\Data\230120\CALIBRATION\AI COHOL GCM
41	M2023-0340-1-B	L:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL GCN
42	M2023-0341-1-A	L:\LabSolutions\Data\230120\CAI IRR ATION\AI COLOT CON
43	M2023-0341-1-B	L:\LabSolutions\Data\230120\CALIBRATION\ALCOHOLCCN
43	P2023-0124-1-A	L:\LabSolutions\Data\230120\CALIBRATION\ALCOHOLGGN
45	P2023-0124-1-B	Lausolutions/Data/230120/CALIBRATION/ALCOHOL CON
	P2023-0135-1-A	C. Lausolutions (Data) 2301 201 CALTER ATTOM AT COLLOT COM
46	P2023-0135-1-B	L:\LabSolutions\Data\230120\CAI IRR ATION\AI COHOL CON
47	QC1-2-A	L. Labsolutions Data 230120 CALIBRATION AT COLOR CON
48	QC1-2-B	L:\LabSolutions\Data\230120\C\ALIBRATION\ALCOHOLOGOD
49	QC2-2-A	L'ADSOIULIORS DATA VAULZONC'AL IRRATIONNA I COLIOL CON
50	QC2-2-B	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM
51	INT STD BLK	C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM

Sample Name Laboratory Injection Date Vial # Method Filename Instrument #GC/HS

: INT STD BLK : Meridian

: 1/27/2023 8:04:38 PM



1				
Name	Conc.	Area	Linit	
Methanol		71100	Unit	
Ethanol			g/100cc	
			g/100cc	
Isopropyl Alcohol			g/100cc	
Acetone				
N-Propanol	0.0000		g/100cc	
	0.0000	241412	g/100cc	
Fluor. Hydrocarbon(s)			g/100cc	

Name	Conc.	Area	11=1
Methanol		74164	Unit
Ethanol			g/100cc
			g/100cc
Acetone			g/100cc
Isopropyl Alcohol			
N-Propanol			g/100cc
	0.0000	262538	g/100cc
Flour. Hydrocarbon(s)			g/100cc

Sample Name Laboratory Injection Date Vial #

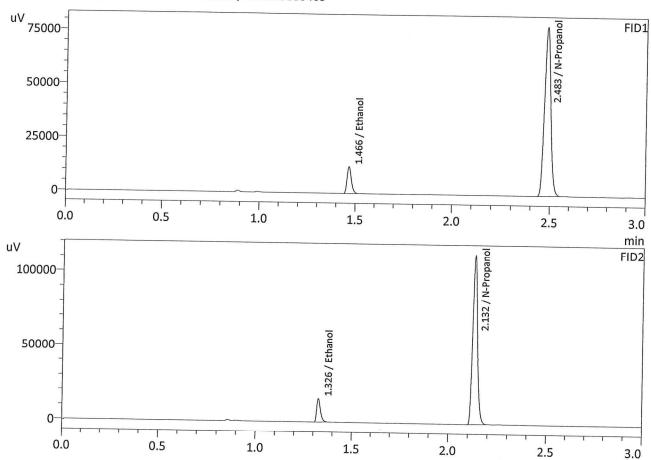
: 0.050 : Meridian

: 1/20/2023 12:39:24 PM

:1

Method Filename Instrument #GC/HS

: C:\LabSolutions\Data\230120\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



1			
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0545	19473	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	174605	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0544	20893	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	189057	g/100cc
Flour. Hydrocarbon(s)			g/100cc



			3403	ameN
uịm				FIDI
0.8	5.5	2.0	"T 0'T	S.0 0.0
		2.133 / N-Propanol	1.326 / Ethanol	-00000S
FIDS		ropan		
nim		<u>o</u> '		- Λn
0.8	2.484 / N-Propanol	0.7 - 1.465 / Ethanol		S'0 0'0
FID1	ino <u>l</u>	0		

3001/B			Fluor. Hydrocarbon(s)
3001\g	826961	0000.0	N-Propanol
S\100cc			Acetone
3001\g			Isopropyl Alcohol
2001\g	40821	8860.0	Ethanol
g\100cc			Methanol
tinU	Агеа	Conc.	AmeN

		Flour. Hydrocarbon(s)
213180	0000.0	N-Propanol
		Isopropyl Alcohol
		Acetone
43939	78e0.0	Ethanol
		Methanol
Агеа	Conc.	Язте
	 43939 213180	7860.0

Method Filename Laboratory Injection Date Vial # Sample Name

Instrument #GC/HS

0.200 : Meridian : Meridian : Meridian : E: E:

: C12255750548 \ C12595800409

nim FID2	2.132 / N-Propanol	1.325 / Ethanol	-00000S
3.0	2.5	1.0 1.5 2.0	2.0 0.0
			0
			000SZ
	2.483 / N-Propanol	1.465 / Ethanol	
	ropa	Etha	- -000SZ
FID1	<u>nol</u>	<u>nol</u>	Λn

2001\g			Fluor. Hydrocarbon(s)
3001/g	981781	0000.0	N-Propanol
2) TOOcc			Acetone
2) TOOcc			Isopropyl Alcohol
3001/g	94187	1961.0	lonedia
2)100cc			Methanol
JinU	Б91А	Conc.	увте

1.0

2.0

0.0

S'I

2001/g			Flour. Hydrocarbon(s)
S/100cc	965707	0000.0	N-Propanol
S/100cc			Isopropyl Alcohol
S/100cc			Acetone
S/100cc	84429	1961.0	lonsdt3
g\100cc			Methanol
tinU	Area	Conc.	ЭшьИ
			70

uịш 9.6

2.5

2.0

00

۸n

: CTS	Instrument #GC/HS
: C:/F	Method Filename
b :	# laiV
: 1/50	Injection Date
: Mer	Laboratory
08.0:	Sample Name

N-Propanol

Acetone

Isopropyl Alcohol

Ethanol

Methanol

Name

FIDI

: CTSS22\20248 \ CTS282800408	
: C:/LabSolutions/Data/230120/CALIBRATION/ALCOHOL.GCN	

1. 1	
Þ	
1/20/2023 1:03:02 PM	
110101.011	

Мd	1:03:05	1/20/2023	:
		Meridian	:

	b	:
1:03:0	1/20/2023	:
	Meridian	:

u						FID1
	2.5	2.0	S'T	ο.τ	s.0	0.0
						0
		2.15				-0000S
		31 / N-Prop	1.324 / Et			- 00000т -
IFI		Danol	hano			Λn
ı				***************************************		, A.
	2.5	7.0	S'T	τ.0	S:0	0.0
	2.4					
	3	5.5 	S'7 0'7 2.131 / N-Propanol S'7 0'7	S'7 0'7 S'T 2.131/N-Propanol S'7 0'7 S'T S'7 0'7 S'T	S'7 0'7 S'T 0'T 2.131/N-Propanol S'7 0'7 S'7 0'T S'7 0'T S'7 0'T	S'7 0'7 S'T 0'T S'0 2.1131/N-Propanol 5'7 0'7 S'T 0'T S'0

25001\g			Flour. Hydrocarbon(s)
3001\g	ረ ቱቱቱፒፘ	0000.0	N-Propanol
2001\g			Isopropyl Alcohol
3001\g			Acetone
2000L\g	136708	2862.0	lonsdt3
3001\g			Methanol
tinU	Агеа	Conc.	ушер
		1	
3001/g			Fluor. Hydrocarbon(s)

0000.0

6762.0

Conc.

198152

126328

Area

g\100cc

S\100cc

3001\g

S/100cc

S\100cc

JinU

FID1

002.0:

Laboratory Injection Date Vial # Sample Name

: 1/20/2023 1:10:20 PM

: Meridian

						wc14	
uịш						Ţ	:ID
ο.ε	5.5	2.0	S'T	0.1	S.0	0.0	
						-0	
						-	
		2]				-00000	τ
		132/	1.33			-	
		N-Pro	24/E			-	
FIDS			1.324 / Ethanol			-	۸n
ıim		_	<u> </u>				Λn
3.0	z.̈́s	0,2	S'T	1.0	2.0	0.0	
						1	
	\					0	
						Ė	
						-00005	
	V					-	
	2.48					-	
	8 / 2		1.46			-000001	-
	l-Pro _l		4/Et				
EID			1.464 / Ethano				۸n
							Λn
		ION/ALCOHOL.GCM	5800409 2800409	20248 \ CTS287 nnous/para/5	2 : CTSS2223 : C:/rsp20	ethod Filename strument #GC/H	uj
				, , , , , , , , , , , , , , , , , , ,	C:	omenalia hodta	

g\100cc			Fluor. Hydrocarbon(s)
2001\g	199913	0000.0	N-Propanol
s)100cc			Acetone
S/100cc			Isopropyl Alcohol
3001\g	712831	5202.0	loned13
S\100cc			Methanol
tinU	Area	Conc.	ушем

3001/g			Flour. Hydrocarbon(s)
g\100cc	216473	0000.0	N-Propanol
S/100cc			Isopropyl Alcohol
3001/g			Acetone
2000L\g	733214	6.5023	lonsita
S/100cc	·		Methanol
tinU	Агеа	Conc.	Азте
			EID2



: INT STD BLK

: 1/20/2023 1:18:44 PM

Injection Date Vial # Laboratory Sample Name

Instrument #GC/HS Method Filename

0.0

: C122255750548 \ C12595800409

		_ 0000S
2.132/ N-Propanol		_ 00000т _
FID2		
uim		7/11
2.5	0.5 2.1 0.1 2.0	0
2.483 / N-Propanol		-0 - - - - -0000S
Oue FID1		Λn

2001\g			Fluor. Hydrocarbon(s)	
22001\g	710634	0000.0	N-Propanol	
2001/g			Acetone	
3001\g			Isopropyl Alcohol	
2001\g			Ethanol	
2001\g			Methanol	
tinU	Агеа	Conc.	Изте	

1.0

2.0

S'T

2500L\B			Flour. Hydrocarbon(s)	
g\100cc	228635	0000.0	N-Propanol	
S/100cc			Isopropyl Alcohol	
S/100cc			enotech	
S/100cc			Ethanol	
S/100cc			Methanol	
tinU	Area	Conc.	ЭшвИ	
*			70	

2.5

2.0

0.5

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548 Shimadzu HS-20 Serial #C12595800409 Lab Solutions Software Ver. 5.99 Copyright (C) 2008-2020 Shimadzu Corporation

ALCOHOL, GCM	0	0:Опклочп		
ALCOHOL, GCM	0		INL SLD BLK	9
	5	brandard	005.0	C
ALCOHOL.GCM	b	I:Standard	005.0	
ALCOHOL.GCM	3	I:Standard	002.0	V
ALCOHOL.GCM	7	I:Standard		<u> </u>
ALCOHOL, GCM	T		0.100	7
Method File	11704.057	(I):Standard:(I)	0.050	I
Method Eila	Level#	Sample Type	Sample Name	Vial#

Calibration Table ______

Laboratory : C12595800409 / C12255750548 i CC-HS : CC-HS

Batch File
Date Acquired
Date Created
Date Modified <<Data File>> Method File

:C:/LabSolutions/Data/230120/CALIBRATION/ALCOHOL.GCM :C:/LabSolutions/Data/230120/CALIBRATION/CALCURVE_TEMPLATE.gcb :1/20/2023 1:10:20 PM :1/20/2023 1:06:10 PM :1/20/2023 1:13:21 PM

Not Ready

FitType: Linear ZeroThrough: Not Through R^2 value= 0 Function: f(x)=0*x+0Name : Methanol Detector Name: FID1

FitType: Linear ZeroThrough: Not Through

Name: Ethanol

Detector Name: FID1 Function : f(x)=2.16078*x-0.00628727 R^2 value= 0.9996283 FitVne: Lipse

Std. Conc. Area Conc. # Area Ratio

9009 0	215831	0.500	g
6762.0	126328	0.300	Þ
1961.0	94187	0.200	3
8860.0	12804	001.0	7
6450.0	19473	090.0	ı
Std. Conc.	Area	Conc.	#

Std. Conc.	Area	Conc.	#
9490.0	19473	0.050	L
8860.0	12804	001.0	2
1961.0	94187	0.200	3
6762.0	126328	008.0	Þ
9209.0	215831	0.500	9

[1-^01*]	onc.(Ratio)					
0.9	0.3	0.4	3.0	2.0	0.1	0.0
					, c	0.0
				_	0	2.0
			_			4.0
			0			9.0
	_					8.0
/						0.1
						2.1
						[0,01*]

# Conc. Area Std. Conc.	
Name: Fluor. Hydrocarbon(s) Defector Name: FID1 Function: f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through	Not Ready
# Conc. Area Std. Conc.	
Name: Acetone Detector Name: FID1 Function: f(x)=0*x+0 R^2 value= 0 FitType: Linear FitType: Linear	Not Ready
# Conc. Area Std. Conc.	
Name : Isopropyl Alcohol Detector Name: FID1 Function : f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through	Иот Ready

Name: Methanol Detector Name: FIDS Function: f(x)=0*x+0 FNX+0

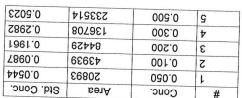
RAZ value= 0 FitType: Linear ZeroThrough: Not Through

Std. Conc.	Area	Conc.	-11

Defector Name: FIDS Function : f(x)=2.16164*x-0.00726304 RA2 Salue= 0.9996462 Name: Ethanol

FitType: Linear ZeroThrough: Not Through

20893 0.050 ļ Std. Conc. Агеа Conc. #





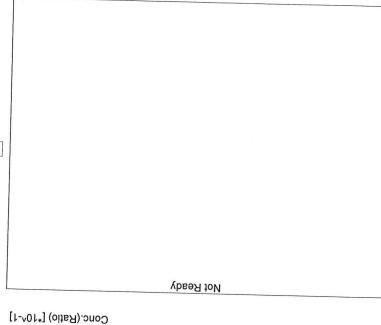
0.8

0.6

0.4

FitType: Linear ZeroThrough: Not Through R^2 value= 0 Detector Name: FID2 Function : f(x)=0*x+0

Std. Conc. Area Conc.



3.0

Not Ready

2.0

0.1

0.0

2.0

4.0

9.0

8.0

0.1

2.1

[0,01*] Area Ratio



Mot Ready

More : Isopropyl Alcohol

Petector Name: FIDS

Function: f(x)=0'x+0

R^2 Sulue= 0

FitType: Linear

Std. Conc.

Area

Conc.