# BLALC Volatiles QA\_QC Data Spreadsheet-v5.xls

Analytical Method(s): 1.0

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

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

Calibration Date: 12/17/21 Run Date(s): 12/17/21 Volatiles Quality Assurance Controls

		>						
<b>Overall Results</b>	0.0768 g/100cc	0.2130 g/100cc	g/100cc	0.2147 g/100cc	0.2150 g/100cc	g/100cc		0.99979
Target Value   Acceptable Range		0.0688-0.0840			0.1953-0.2387		FN07101701	Column2
Accel		0.0			0.1		F	92666.0
Value		0.0764			0.2170		Lot#	0.99
Target		0.0			0.2			Column 1
Lot#		1907006			1907007			
Expiration		Jul-21		Jul-21		nent mixture:	Curve Fit:	
Control level		Level 1			Level 2		Multi-Component mixture:	

Jc 12/21/2

Ethanol Ca	Ethanol Calibration Reference Material					
Colibrator layal	Target Value	Accentable Range	Column 1	Column 2	Column 1   Column 2   Precision   Mean	Mean
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200	0.200	0.180 - 0.220	0.1951	0.1956	0.1951 0.1956 0.0005	0.1953
300	0.300	0.270 - 0.330	0.3007	0.3007 0.3016	0.0009	0.3011
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5010	0.5010 0.5003	0.0007	0.5006

	Aqueous Controls		
Control level	Target Value	Acceptable Range (	Overall Results
08	080	0.076 - 0.084	0.081 g/100cc

20

Issue Date: 12/23/2019

Issuing Authority: Quality Manager

Revision: 2

BLALC Volatiles QA\_QC Data Spreadsheet-v5.xls

Page: 1 of 1

12/20/21

The Quality Control sample QC1-2 failed during this run. Because of this, all associated bracketed samples are being rerun. This affects vials 27 through 58.

Sample that were not affected by this Quality Control action are included in this Worklist 5466.

12/02/21

Affected Samples were run 12/20/21 in worklist 5467

# Meridian Blood Alcohol Analysis Batch Table

Lab Solutions Software Ver. 5.99 Copyright (C) 2008-2020 Shimadzu Corporation Shimadzu GC-2030 Serial #C12255750548 Shimadzu HS-20 Serial #C12555800409

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### Worklist: 5466

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s	Alcohol Analysi		ВСК	l	M2021-5359
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	<u>DESCRIPTION</u>	ТҮРЕ	МЭТІ	ITEM	LAB CASE

g\100cc

g\100cc

g\100cc

g\100cc

g\100cc

S\100cc

2.479 / N-Propanol

**LID**J

₹83902

9568₹

-00005 ۸n Method Filename Instrument #GC/HS Laboratory Injection Date Vial # Sample Name

Fluor. Hydrocarbon(s)

N-Propanol

Isopropyl Alcohol

Acetone

Ethanol

Methanol

: C15522. : C:/ˌrspəc : J

S\100cc			OUUDAI
JinU	БЭ1А	Conc.	Изте Изте
•			
/9			Fluor. Hydrocarbon(s)
g/100cc	195791	0000.0	N-Propanol
300L\g	898201		ənofəəA
3/100cc			Isopropyl Alcohol
5) TO0cc			Ethanol
g\100cc	20049	1150.0	Methanol
g\100cc			Mame
лiпU	БЭ1А	Conc.	Tal:
5.5	0.2	S.L 0.L	-0
		1.328 / Ethanol	-0000S

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

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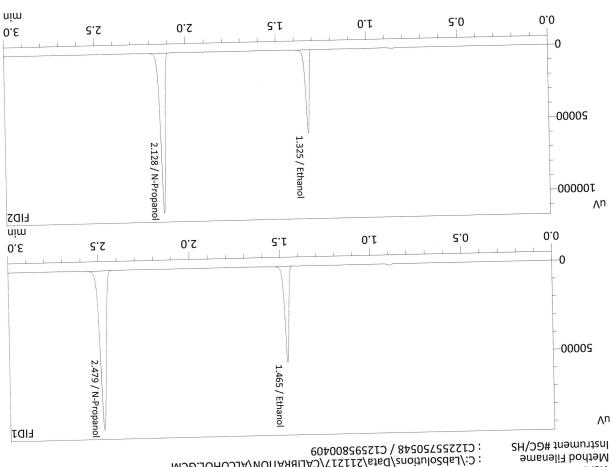
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		2.129 / N-Propanol	1.327 / Ethanol			_00000T
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uim		2.0	5°T	0.τ	2.0	0.0
0.8	Z 2.479 / N-Propanol		1.466 / Ethanol			-0000S
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g\100cc			Fluor. Hydrocarbon(s)
S/100cc	214420	0000.0	N-Propanol
·		anotech	
S/100cc			lohoolA lyqorqosl
5) TOOCC		6101.0	[fhanol
2500L\g	T\$#\$#		Methanol
5500L\g			Язте
tinU	Area	Conc.	I

3001\g			Fluor. Hydrocarbon(s)
g/100cc	186861	0000.0	N-Propanol
			Isopropyl Alcohol
3) TOOCC			Acetone
25001\g		0201.0	Ethanol
300L\g	90977		Methanol
g\100cc			Name
tinU	ьэтА	Conc.	DZ

g/100cc			Fluor. Hydrocarbon(s)
	182760	0000.0	N-Propanol
500L\3	092681		Isopropyl Alcohol
3/100cc		-	9not93A
3/100cc			
3001/g	91657	9261.0	[thanol
g/100cc			Methanol
	БЭҮА	Conc.	Name
tinU	COAV	_	

3,100cc			Fluor. Hydrocarbon(s)	
	SZ696T	0000.0	N-Propanol	
22001\g	30301		9nof∋⊃A	
5001\g			Isopropyl Alcohol	
g\100cc				
g\100cc	91918	1261.0	lonsdt3	
g\100cc			Methanol	
JinU	Area	Conc.	эшеИ	
4!411	<b>V</b>			



: 3 C12225750548 / C12595800409

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002.0:

Sample Name Laboratory Injection Date Vial #



: 0.300 : Meridian

Sample Name

MA 12:E1

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TT	12/17/2021	:

Instrument #GC/HS
Method Filename
# lsiV
Injection Date
Laboratory

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	604008262512 / 8420272255512	•
LIBRATION/ALCOHOL.GCM	C:/LabSolutions/Data\211217\CA	:
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		2.129 / N-Propanol	1.326 / Ethanol			-00000T - \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
FID2		nol	<u>o</u>			70.
uim	617	2.0	<b>5</b> 'T	0.1	2.0	0.0
0.8	5.5					0
FIDT	2.480 / N-Propanol		1.465 / Ethanol			- 0000S

3) TOOCC			Fluor. Hydrocarbon(s)		
3001/g	797509	0000.0	N-Propanol		
S/100cc			Acetone		
S/100cc			Isopropyl Alcohol		
g\100cc	727205	700£.0	Ethanol		
g/100cc			Methanol		
	e Conc. Area		Явте		
tinU	V		Ţ		

3/100cc			Fluor. Hydrocarbon(s)	
S/100cc	183042	0000.0 lonsqorl		
g\100cc		lsopropyl Alcohol		
S/100cc		ənotəɔA		
g/100cc	117770	9105.0	Ethanol	
g/100cc		lonethanol		
tinU	бэтА	Изте Сопс.		
+;~11	15.5.T <b>V</b>		DS	

5001/g			Fluor. Hydrocarbon(s)		
S/100cc	Z81961	0000.0	N-Propanol		
S/100cc			Isopropyl Alcohol		
3001/g			Acetone		
3001/g	210063	6002.0	[fpanol		
3001/g			lonsthamol		
JinU	Б91А	Conc.	ЭшвИ		
7;**11	•		7		

300L/B			Fluor. Hydrocarbon(s)		
S/100cc	212223	0000.0	lonsqor4-M		
32001/g		anotesA			
501/ <sub>B</sub>			Isopropyl Alcohol		
55/100cc	279076	0102.0	[chan]		
g/100cc			Methanol		
	вэтА	Conc.	əmsM		
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		2.129 / N-Propanol	1.326 / Ethanol			100000T
FID2		opanol	thanol			-0000ST 
0.£ nim	2.5	0.2	<b>S</b> 'T	0.τ	<b>S.0</b>	0.0
						-00005
FIDI	2.480 / N-Propanol		1.465 / Ethanol			_00000T _0000ST <sub>\\</sub> n

: 0.500 : T2/17/2021 11:22:13 AM : C12255750548 / C12595800409 : C12255750548 / C12595800409

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

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

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2.480 / N-Propanol	٧n

3001\g			Fluor. Hydrocarbon(s)
5001\g	212123	0000.0	N-Propanol
3001\g			ənotəɔA
5001\g			Isopropyl Alcohol
3001\g			lonsdf3
3001\g			lonsdteM
tinU	Агеа	Conc.	ЭшьИ
			FIDI

2001/g			Fluor. Hydrocarbon(s)	
3001/3	199985	0000.0	loneqor9-M	
3001/3			lodoolA lyqorqosl	
3)100cc			ənotəəA	
2)100cc			loned#3	
3001/g			lonsthanol	
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			IDS	

# 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:Опклочл	INT STD BLNK	9
ALCOHOL.GCM	S	b'isbnat2:1	005.0	ς
ALCOHOL.GCM	7	b'isbnat2:1	0.300	<u> </u>
ALCOHOL.GCM	3	b:Standard	002.0	3
ALCOHOL.GCM	7	brabnat2:1	001.0	2
ALCOHOL.GCM	I	(I):brandard:(I)	050.0	Vial#
Method File	#ləvə.1	Sample Type	Sample Name	#10:/1

# Calibration Table

Laboratory : MERIDIAN | MERIDIAN | C12255750548 | C12595800409 | C12255750548

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

C:/LabSolutions/Data/211217/CALIBRATION/ALCOHOL.GCM :C:/LabSolutions/Data/2112/17/CALIBRATION/CALCURVE\_TEMPLATE.gcb :MA 11:22:11 FW :MA 21:36:11 FX2/17/1/21: :MA 31:32:11 FX2/2/1111:

Not Ready

FitType: Linear FitType: Linear ZeroThrough: Mot Through R^2 value= 0 Detector Name: FID1 Function : f(x)=0\*x+0 Name: Methanol

Std. Conc.	БЭТА	Conc.	#
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Petector Name: FID1 Function : f(x)=2.17383\*x-0.00968621 Name : Ethanol

R^2 value= 0.9997600

FitType: Linear ZeroThrough: Not Through

0103.0	970622	0.500	g
7008.0	127205	0.300	Þ
1861.0	91918	002.0	3
9101.0	L9 <del>1</del> 97	001.0	2
1130.0	20049	0.050	L
Std. Conc.	Area	Conc.	#

0.8 [1-^01*]	5.0 (onc.(Ratio)	0.4	0.6	2.0	0.1	0.0
						2.0
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			ø			9.0
		,				8.0
	_					0.1
/	Ø					oitsЯ ватА [0^0r*] 2.r

# Conc. Area Std. Conc.	
ZeroThrough: Not Through	
FitType: Linear	
R^2 value= 0	
Function : f(x)=0*x+0	
Detector Name: FID1	f
Name : Fluor: Hydrocarbon(s)	Not Ready
(a)docostpour	
# Conc. Area Std. Conc.	
# Conc. Area Std. Conc.	
2	
ZeroThrough: Not Through	
FitType: Linear	
O =9ulev 2^A	
Function : f(x)=0	
Defector Name: FID1	VbsaA foll
Acetone Acetone	
201100 #	7
# Conc. Area Std. Conc.	J
ZeroThrough: Not Through	
FitType: Linear	
R^2 value= 0	
Function : f(x)=0+x*0=0	
Detector Name: FID1	(npo) 130N
Name : Isopropyl Alcohol	Not Ready
Indept A house and a second	

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

Std. Conc.	Агея	Conc.	#

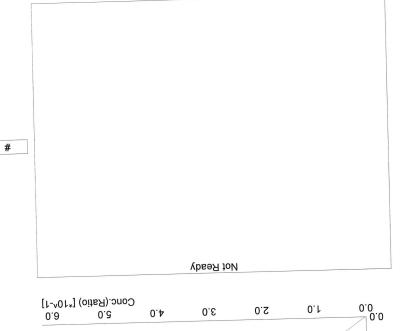
Name: Ethanol
Detector Name: FID2
Function: f(x)=2.15066\*x-0.00530731
R^2 value= 0.9997945
FitType: Linear
FitType: Linear

Std. Conc.	Area	Conc.	#
0.0503	99681	090.0	l l
0.1020	42606	001.0	2
9961.0	91697	0.200	3
9108.0	077711	0.300	7
6003.0	210063	0.500	G

R^2 value= 0 Name : Acetone
Detector Name: FIDS
0+x\*-0=(x)î : notizon 7

FitType: Linear ZeroThrough: Not Through

Conc. Area Std. Co
One. Std. Conc.



Not Ready

2.0

4.0

9.0

8.0

0.1

S.1 [0,01\*] Area Ratio

Conc. Std. Conc. Area Name: Fluor. Hydrocarbon(s)
Detector Name: FID2
Function: f(x)=0\*x+0
R^2 value= 0
FitType: Linear
FitType: Linear Not Ready Conc. # Std. Conc. Агеа Name: Isopropyl Alcohol
Detector Name: FID2
Function: f(x)=0\*x+0
R^\c2 value= 0
FitType: Linear
FitType: Linear Not Ready

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

: 12/17/2021 4:04:19 PM : Meridian : INT STD BLK 1

: 1 : C:/LabSolutions/Data/211217/CALIBRATION/ALCOHOL.GCM : C12255750548 / C12595800409

0.£ nim	2,5	٥.٢	<b>5</b> 'T	0.τ	<b>S.0</b>	
						0
						20000
		2.1				-
		2.129 / N-Propanol				
		N-Pro				_00000T
FID2		panol				_ Λn
nim				0.1	2.0	0.0
0.8	2.5	0.2	<b>5</b> 'T	0.τ	30	
						0
						-
						-
						00000
	2					-0000S
	.481,					_
	N-PI					-
FIDT	2.481 / N-Propanol					Λn

S/100cc			Fluor. Hydrocarbon(s)
g\100cc	211344	0000.0	lonsqo14-M
S/100cc			ənotəsA
g\100cc		lodoolA lyqorqos	
S/100cc		Ethanol lonsdi	
S/100cc			lonsdtaM
tinU	Area	Conc.	Явте
+;~!1	•		FID1

3001/3			Fluor. Hydrocarbon(s)
3)100cc	196329	0.000.0	N-Propanol
2200cc	<b></b>		Isopropyl Alcohol
2200cc			эпотээА
3200cC			Ethanol
S/100cc			Methanol
tinU	БЭ1А	Conc.	Язте
+!411	<b>v</b>		7

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

: MIXED VOLATILES FN 07101701 : 12/17/2021 4:11:39 PM : 3

: CJ5522220248 \ CJ5282800408
: C:/LabSolutions/Data\211217\CALIBRATION/ALCOHOL.GCM
7:

0.£ nim	2.5	0.2	S'T	0.τ	S.0	0.0
FIDS		2.130 / N-Propanol	1.328 / Ethanol 1.432 / Acetone 1.515 / Isopropyl Alcohol	1.105 / Methanol		
uim				0.1	C:0	0.0
9.6	2.5	2.0	S'T	0.τ	S'0	0 0
		1.70	1.466	1.159 / Methanol		-000SZ
FIDT	2.482 / N-Propanol	1.796 / Isopropyl Alcohol	1.466 / Ethanol	:thanol		-0000S

300L\g			Fluor. Hydrocarbon(s)
S/100cc	173805	0000.0	N-Propanol
2500L\g	78787	0000.0	ənot∋ɔΑ
300L\g	06494	0000.0	Isopropyl Alcohol
300£\3	19987	0.1200	lonsdf3
2500L\g	21950	0000.0	lonsdtaM
JinU	ьэтА	Conc.	ЭшвИ
			FID1

S/100cc			Fluor. Hydrocarbon(s)
2001\g	161134	0000.0	N-Propanol
22001\g	<b>₽</b> £ <b>7</b> 0 <b>7</b>	0000.0	Isopropyl Alcohol
3001\g	114633	0.000	enotecA
2001\g	T9 <b>†</b> T†	1221.0	Ethanol
25001\g	21158	0000.0	lonshteM
tinU	Агеа	Conc.	Иате
			7

# **VOLATILES DETERMINATION CASEFILE WORKSHEET**

		nlt	eported Res	 И		
\$00	S00.0 880.0 870.0				180.0	
ngeln î	0 %5	ЯgiH	моД	(၁၁၇)	rall Mean (g/10	эчО
%00°5	:(%MU)	ty of Measurer	Uncertain	_,_,_,	Results	Reporting of
.ед сеиџајју.	Instrument Information is stored centrally. Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm					
	Analysis Method Refer to Blood Alcohol Method #1					
		2180.0	\$000.0	<b>\$180.0</b>	7180.0	(၁၁ <u>001/g</u> )
2180.0	1000,0	9180.0	2000.0	2180.0	7180.0	Sample Results
Over-all Mean	Sample A-B Difference	oulry nroM	Column Precision	Column 2 FID B	Column 1 FID A	
	Laboratory No.: 0.080 QA Analysis Date(s): 12/17/21					

Calibration and control data are stored centrally.

Revision: 3

Issue Date: 12/28/2020

Ususing Authority: Quality Manager

A-AD 80.0:

Sample Name Laboratory

Мd

	3.	
4:32:20	: 75/71/5057	
	: Meridian	
	A-AU OU.U.	

c : C:\LabSolutions\Data\Z11217\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409	Vial # Method Filename Instrument #GC/HS
M4 02:35:4 1:37/7/2021 4:35:20 PM	Laboratory Injection Date



3001\g			Fluor. Hydrocarbon(s)
S/100cc	213948	0000.0	lonsqor4-M
3/100cc			ənotəəA
S/100cc			Isopropyl Alcohol
S/100cc	79658	7180.0	lonsd‡3
S/100cc			Methanol
JinU	БЭ1А	Conc.	ЭшвИ
71-11			TC

300L\g			Fluor. Hydrocarbon(s)
300L\g	198534	0000.0 lonsqorq-M	
3,100cc			Isopropyl Alcohol
3)100cc			Anotech
3,100cc	33788	0.0815	lonsht3
S/100cc			Methanol
JinU	ьэтА	Conc.	Явте
7,-11	-		FID2

N-Propanol

Acetone

Isopropyl Alcohol



3) TOOCC			Fluor. Hydrocarbon(s)	
g\100cc	187857	0000.0	lonsqorq-M	
g\100cc			lsopropyl Alcohol	
g\100cc			Anotech	
2)100cc	31904	0.0814	Ethanol	
S/100cc			Methanol	
tinU	ьэчА	Conc.	уше	
			FID2	
2001/g			Fluor. Hydrocarbon(s)	

0000.0

701977

g\100cc

3/100cc

3001\g

# VOLATILES DETERMINATION CASEFILE WORKSHEET

			940.0			
	_	n]t	eported Res	 K		
<b>†00</b>	.0	080.0	270.0		940.0	
nsəM î	0 %5	ЯgiH	мод	(၁၁၇)	rall Mean (g/10	9AO
%00.2	ment (UM%):	ty of Measurer	nietroonU		Results	Reporting of
	Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm					
eq centrally.	vots si noitmnotn	นุ				T jusunnisuj
					Alcohol Metho	
					pot	TielVisis Meth
	0.500:0	£270.0	2000.0	2270.0	<i>\$\$</i> 70.0	(22001\g)
8970.0	0.0030	£870.0	2000.0	2870.0	<i>₽</i> 870.0	Sample Results
Over-all Mean	Sample A-B Difference	oulry nroM	Column Precision	Column 2 FID B	Column 1 FID A	
	aboratory No.: QC 1-1 Analysis Date(s): 12/17/21					

Calibration and control data are stored centrally.

: QC-1-1-A : Meridian : 3 : 3 : 5:\17\2021 4:19:01 PM : 5:\13\2021 4:19:01

Sample Name Laboratory Injection Date Vial #

Method Filename Instrument #GC/HS

: C12255750548 \ C12595800409



00.0 loneqorl
011020017
ənotəsA
Isopropyl Alcohol
C10.0
lonsdtaM
поЭ этьИ

g\100cc			Fluor. Hydrocarbon(s)
S/100cc	Z6ZT9T	0000.0	lonsqorq-M
2200L\g			Isopropyl Alcohol
3200cC			enotecA
3200L\g	79292	2870.0	lonsdf
2200cc			lonsdtəM
tinU	Б91А	Conc.	Изте
7,**11	•		70

Sample Name Laboratory Injection Date Vial # Method Filename Method Filename

: 17\11\7051 4:5\:23 bM : Metidian : QC-1-1-B

).£ nim	2.5	0.2	J.5	0.τ	<b>S.</b> 0	0.0
						0
		2.129/1	1.327 / Ethanol			- - - - - - - - -
EID:		2.129 / N-Propanol				-00000T
).£ ıim	2.5	2.0	3"7	٥٠٢	2.0	0.0
						0
			1.466 / Ethanol			- 000SZ -
	2.482,		Ethanol			- -0000S
	N-Pr					_000SZ
EID	2.482 / N-Propanol					۸r
		соног есм	7/CALIBRATION/AI 409	ions/Data\21121 548 \ C12595800	: C12255750 : C12255750	viai # Method Filename Instrument #GC/HS

g\100cc			Fluor. Hydrocarbon(s)
3001/g	192672	0.000	N-Propanol
S/100cc			ənotəsA
3001/g			Isopropyl Alcohol
3001/g	29753	₽270.0	lonsd <del>1</del> 3
g\100cc			lonsdfaM
tinU	ьэтА	Conc.	Name
>			

3)100cc			Fluor. Hydrocarbon(s)
3001/3	178924	0000.0	N-Propanol
3001/3		- <u>-</u> -	Isopropyl Alcohol
3/100cc			ənofəəA
3/100cc	78007	0.0752	lonsdf
3001/3			lonsdtaM
tinU	ьэтА	Conc.	Язте
			DZ

## **VOLATILES DETERMINATION CASEFILE WORKSHEET**

			£12.0			
		ılı.	eported Resi	В		
11(	).0	<b>422.0</b>	202.0	£12.0		
Меап	10 %S	ЯgiH	моЛ	(၁၁၇)	01/g) nsəM llsr	а <b>у</b> О
%00°S	nent (UM%):	y of Measurer	JnistraenU Janistraenu		gesnjts	Reporting of I
			mɔg.\m.ɛəli	tsloV ,mɔg.\m.lor	nt Method: Alcol	Refer to Instrumen
eq כפענגמון <i>א</i> י	vote zi noitumvotr	บุ 1นอนเการเป			noitemyot	Instrument In
		Refer to Blood Alcohol Method #1				
					por	Analysis Meth
1.01710	(CL7'0	2901.0	1000.0	2901.0	6901.0	(20001/g)
1512.0	0.2139	1025.0	<b>≯</b> 000.0	6615.0	60.3203	Sample Results
Over-all Mean	Sample A-B Difference	Mean Value	Column Precision	Column 2 FID B	I nmuloD A QIA	
	boratory No.: QC1-2 Analysis Date(s): 12/17/21					Laboratory N

Calibration and control data are stored centrally.

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Revision: 3 lssue Date: 12/28/2020 lssuing Authority: Quality Manager

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Volatiles Determination Casefile Worksheet

Sample Name Laboratory Injection Date

Method Filename Instrument #GC/HS # lsiV

: 47 : 12/17/2021 10:11:52 PM : 47

: C:/LabSolutions/Data/211217\CALIBRATION\ALCOHOL.GCM

FID2		2.132 / N-Propanol	1.329 / Ethanol			-0000T
nim	C'7	0.2	C'T	0.τ	S.0	0.0
0.8	2.5	0.2	<b>5</b> 'T	U I	30	
						0  -
						-0005
	2.485 / N-Propanol		1.467 / Ethanol			-0000T
	Propa		/ Etha			_000ST
FID1	loue		lour			Λn

5500L\B			Fluor. Hydrocarbon(s)	
2200L\g	84898	0000.0	N-Propanol	
300L\g			ənofəəA	
2500L\g			Isopropyl Alcohol	
300L\g	72374	6025.0	lonsdf	
3,100cc			Methanol	
tinU	Агеа	Conc.	Изте	
			DI	

1.0

2.0

0.0

2.5

2001\g			Fluor. Hydrocarbon(s)
3001/3	Z\$0\$£	0000.0	lonsqor4-M
3001\g			lodoolA lyqorqosl
3001/3			Anotech
3001\g	98682	661E.0	loned‡3
3001\g			Nethanol
JinU	ьэтА	Conc.	Ивте
			FID2

uịш 3.0

2.5

0.2

: OCT-5-B

Sample Name Laboratory Injection Date Vial # Method Filenar Datrument #G

: C17222750548 \ C12595800409 : C:/rab2oIntions/Data/S11217\CALIBRATION/ALCOHOL.GCI
: 48

SH/DS	: C15522220248 \ C15292800409
əwe	: C:/LabSolutions/Data/211217/CALIBRATION/ALCOHOL.GC
	84:
i	: Meridian : Meridian 10:22:04 PM

						FID1
0.£ nim	2.5	0.2	S.1	0.1	S:0	0.0
						0
			1.328/			_000 <b>S</b> Z
		2.130 / N-Propanol	1.328 / Ethanol			- 0000S
FID2		opanol				_000SZ \
uim						
3.0	2.5	2.0	2.5	0.τ	<b>5.</b> 0	0.0
						0
,			<u>+</u>			-
			467			_52000
	2		/ Etł			-
	.484		1.467 / Ethanol			
	2.484 / N-Propanol		_			-00005
LIDT	anol					Λn

g\100cc			Flnor. Hydrocarbon(s)
S/100cc	138202	0000.0	lonsqon4-M
3001\g		×	Anotech
3001\g			lsopropyl Alcohol
g\100cc	04908	6901.0	lonsdt
3001\g			Methanol
tinU	ьэтА	Conc.	ЭшвИ
	-		FID1

55001/g			Fluor. Hydrocarbon(s)
3/100cc	779677	0000.0	N-Propanol
3/100cc			Isopropyl Alcohol
3/100cc			ənotəsA
3,100cc	78934	2901.0	lonsd <sub>1</sub> =
3/100cc			lonsdtaM
tinU	ьэтА	Conc.	ЭшьИ
			FID2
2200T/8			Fluor, Hydrocarbon(s)

### **VOLATILES DETERMINATION CASEFILE WORKSHEET**

			412.0			
		ılt.	eported Resi	Я		
110	),0	\$22.0 £02.0 \$\rightarrow\$12.0				
Mean	10 %S	иgiH	woJ	(၁၁၇)	01/g) nsəM (g/10	элО
%00°S	nent (UM%):	y of Measurer	tnistroonU		Results	Reporting of 1
			mɔg.\m.ɛəli	nol.m./gcm, Volat	loolA :bodtəM tn	Refer to Instrume
ed כפחנימולץ.	votz zi noitamvofr	ที่ 1กรทมาโรกโ			Tormation	<b>Լո</b> ջէrսment In
entre de la constante de la co				I# P		Refer to Blood
					pot	Halysis Meth
7412.0	<b>4000.0</b>	2412.0	9000.0	8412.0	2412.0	(၁၁ <u>001/g</u> )
LVICO	7 0 0 0 U	6412.0	2000.0	0.2152	7412.0	Sample Results
Over-all Mean	Sample A-B Difference	ənlaV naəM	noisiser nmuloD	Column 2	Column 1 A QIA	
-	Laboratory No.: QC2-1 Analysis Date(s): 12/17/21					

Calibration and control data are stored centrally.

Revision: 3 lssue Date: 12/28/2020

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Volatiles Determination Casefile Worksheet

N

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

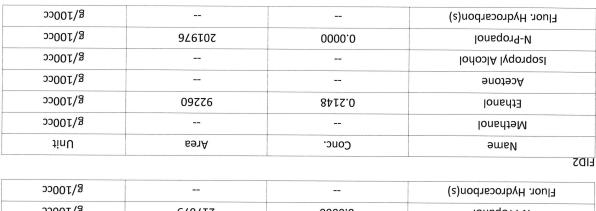
: 12/17/2021 7:14:48 PM : Meridian : 25

nanol	
LIBRATION/ALCOHOL.GCM	: C12255750548 \ C12595800409 : C12255750548 \ C12595800409



3001/3			Fluor. Hydrocarbon(s)
3/100cc	<b>ST9222</b>	0000.0	N-Propanol
300L\g			ənofəəA
S/100cc			Isopropyl Alcohol
300L\g	61066	7412.0	[thanol
300L\g			Methanol
tinU	Агеа	Conc.	уше
			ta

3001/3			Fluor. Hydrocarbon(s)
3) TOOcc	201020	0000.0	loneqor4-M
3) TOO.CC			lohoolA lyqorqoal
3001/3			enotecA
3001/3	08616	0.2152	lonsta
3500£\g			Methanol
tinU	Area	Conc.	уше
			FID2



5500£\3			Flnor. Hydrocarbon(s)
3001\g	676712	0000.0	N-Propanol
3001\g			Acetone
S/100cc			Isopropyl Alcohol
3001\g	96766	2412.0	lonsdt3
3001\g			Methanol
JinU	Area	Conc.	эшеИ
			Ţ
2.5	2.0	T.0 1.5	<b>2.</b> 0 0.0
2.5	2.0	S.1 0.1	S.0 0.0

	,					-0 
nim FID2		2.131 / N-Propanol	1.328 / Ethanol	(		_00000t
0.8	5.7	2.0	S'T	0.1	S'0	-0000S
FIDT	2.483 / N-Propanol		1.466 / Ethanol			Λn

: C12255750548 / C12595800409 : C:\LabSolutions\Data\211217\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409

: QC-2-1-B : Meridian Sample Name Laboratory Injection Date Vial # Method Filename Instrument #GC/HS

### VOLATILES DETERMINATION CASEFILE WORKSHEET

Refer to Blood Alcohol Method #1						
						dtəM sisylsnA
6.215.0		0912.0	8000.0	4912.0	9512.0	(၁၁ <u>001\g</u> )
85100	4100.0	9412.0	0100.0	1212.0	1412.0	Sample Results
Over-all Mean	Sample A-B Difference	Mean Value	Column Precision	Column 2 FID B	L nmuloD A QIA	
12/21/21 Laboratory No.: QC2-2 JG Analysis Date(s): 12/17/21						

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

Instrument Information

		\$1 <b>2.</b> 0		
	ווָנ	ported Resu	В	
110.0	922.0	<b>\$02.0</b>		S12.0
5% of Mean	hgiH	мод	(25001/2	Overall Mean (g
%00.2 :(%MU) in	y of Measureme	JuistraonU		Reporting of Results

Calibration and control data are stored centrally.

26

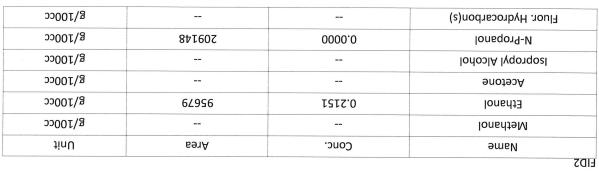
Issue Date: 12/28/2020 Revision: 3

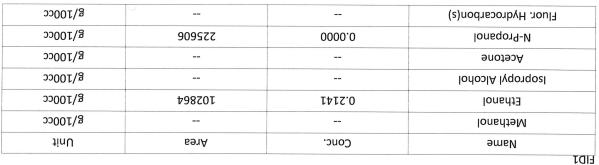
Issuing Authority: Quality Manager

Instrument information is stored centrally.

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Volatiles Determination Casefile Worksheet





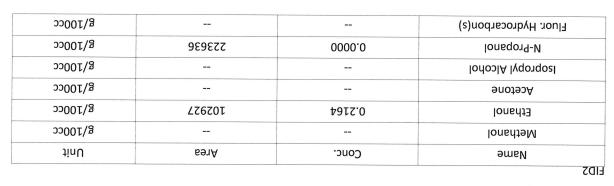


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: Meridian : 12/17/2021 11:49:36 PM

: QC2-2-A

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



	Fluor. Hydrocarbon(s)	
0.0000		N-Propanol
		ənotəsA
		Isopropyl Alcohol
99/011	9212.0	onsd13
		Methanol
ьэтА	Conc.	Явме
	  99Z0TT 	



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: Meridian : 12/17/2021 11:58:36 PM : 60

: GC5-5-B

Laboratory Injection Date Vial # Sample Name

Method Filename

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2,5

0.2

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

: C12255750548 / C12595800409 : C12255750548 / C12595800409

		2.131 / N-Propanol				-00000T
FID2		banol				Λn
nim	617	0.7	CIT	217		
0.8	2.5	2.0	S'T	0.τ	S.0	0.0
	2.48				,	-0000S
FIDT	2.484 / N-Propanol					-000001

		Fluor. Hydrocarbon(s)	
246282	0000.0	lonsqor4-M	
		ənofəəA	
		Isopropyl Alcohol	
		Ethanol	
		Methanol	
ьэлА	Conc.	Изте	
	7879†7   		

0.1

2.0

0.0 -0

2.5

3001\g			Fluor. Hydrocarbon(s)	
3001/3	228865	N-Propanol longory		
3001\g			Isopropyl Alcohol	
3001\g			ənofəəA	
3001/3			lons/13	
3001/3			lonstham	
tinU	ьэтА	Conc.	Изте	
			IDS	