(a)	Write a balanced chemical equation for the complete combustion of 1-butanol.	1
	CH3 CH2 CH2 CH2 OH -> CAST + 720	
	#-C-C-C-OH	9 HP16
	#-C-C-C-04	

(b) A student measured the heat of combustion of three different fuels. The results are shown in the table.

Fuel	Heat of combustion (kJ g <sup>-1</sup> )
A	-48
В	-38
C	-28

The published value for the heat of combustion of 1-butanol is 2676 kl mol-1.

Which fuel from the table is likely to be 1-butanol? Justify your answer.

Rem	C. Fire C	hes a	total of	0.37765755	1/2
					,
Value	of 2676	(. Vanolais	Compared	to the other	
	s of t				
	A > 0-64	<u>'</u>			
	B= 0.51.	رد)	ea Aoth on		

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