Question	Marking Guidance	Mark	Comments
2(a)	$\Delta G = \Delta H - T \Delta S$	1	Ignore e
2(b)	0.098 or 98	1	Allow 0.097 to 0.099/97 to 99 Allow 0.1 only if 0.098 shown in working
	kJ K <sup>-1</sup> mol <sup>-1</sup> J K <sup>-1</sup> mol <sup>-1</sup>	1	Allow in any order
			Unless slope is approx. 100(90-110) accept only kJ K <sup>-1</sup> mol <sup>-1</sup> . If no slope value given, allow either units
	-ΔS/ΔS	1	
2(c)	∆G becomes <u>negative</u>	1	Mark independently unless $\Delta G$ +ve then CE = 0
	So reaction becomes spontaneous/feasible	1	Or reaction can occur below this temperature
			Or reaction is not feasible above this temperature
2(d)	Ammonia liquefies (so entropy data wrong/different)	1	Allow any mention of <u>change</u> in state or implied change in state even if incorrect eg freezing/boiling