解：W= -pΔV=-p[Vm(H2O,l)- Vm(H2O,g)]≈pVm(H2O,g)=RT

=8.314 J.K-1.mol-1×373.2K=3103J.mol-1

ΔrHm =Q=-2.2581kJ.g-1×18 g= - 40691 J.mol-1