## Quiz 6.2 - Calorimetry

Name: Kery

## Question 1 (5 points)

Find the enthalpy of solvation for NaOH based on experimental data from class.

$$\left( \text{Remember that } C_{water} = 4.185 \frac{J}{g^{\circ}C} \right)$$

$$\Delta H = \frac{-6837 J}{0.1701 \text{ mol}} = -\frac{40,193}{\text{mol}} \frac{7}{\text{mol}} \Rightarrow -\frac{40.2}{\text{mol}} \frac{k7}{\text{mol}}$$