

B-

At 60C

32grams benzoic acid $\rightarrow$ 100ml CCl₄
100g $\rightarrow$??

X= 312.5 ml CCl₄

AT 0C

1.5grams benzoic acid $\rightarrow$ 100ml CCl₄
100g $\rightarrow$???
X= 6666.67

C-

As we see water is better solvent , because water is easier to measure the quantity used .Also , As the difference in solubility between hot and cooled water is greater than the CCl₄ , so the crystals obtained will be larger and better

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