HOMEWORK ASSIGNMENT #8 ORGANIC CHEMISTRY II

Your name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_/33

*Boxed in with no way out of major alcoholism*: Due Wed 23 April











 K2Cr2O7/H2SO4



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 H+/reflux



 + + H2O



pyridine

 +

+ HCl



 in dichloromethane

 reactant added neat as a bubbled gas



80% H2SO4/reflux

 +H2O and

\_\_



 +



Nao + neat +

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 Heat, weak base

 + + HCl

 product

 by-product



 + NaCN aqueous +

 KMnO4/heat/glacial acetic acid =**A**

**1)Benzaldehyde**



2) **A** +

 + H2O

 C2H5MgCl

 +H+ /H2O Ether

 **C**

3) **C** + t-butyl chlorosulfonate in KHSO4, then Li+ OCH3-

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