**Rubric for n-butyl bromide synthesis from n-butanol via Acid-Catalyzed SN2 Substitution \_\_\_/50**

Format \_\_/2 sign/date all pages; Z empty spaces

Purpose/Introduction: \_\_\_/3 Statement in words and in equation form of reaction run



 \_\_\_/14 Procedure

 \_\_Sketch of reflux apparatus

 \_\_ Sketch of distillation apparatus

 \_\_ text containing amounts, solution appearance etc….and what you did

 \_\_/6 Pertinent Materials sheet

 \_\_\_/25 Results

 \_\_\_ nD ~1.44

 \_\_\_ IR of prep matches known

 \_\_\_ annotated IR included

­­­ \_\_\_ GC matches known peak

 \_\_\_ GC chromatogram annotated

 \_\_\_ % yield > 10%

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