Lab quiz 3: Organic Chem II Chem 4524 28 Feb 2017

Your name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_/3

1) Today’s reaction is an example of:

a) electrophilic aromatic substitution b) 1,3-cycloaddition

c) nucleophilic substitution d) Friedel-Crafts substitution

2) The dienophile in this reaction is:

a) maleic anhydride b) butadiene sulfone

c) butadiene sulfone d) xylene

3) Butadiene in this experiment is:

a) Used directly as received from storage bottle

b) Synthesized from maleic anhydride

c) synthesized from xylene

d) synthesized in situ from a sulfone

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