

Didn't see Scott today, which is somewhat unusual — in fact he has been scarce for the past few days popping up now & then. Hopefully things are ok because of bunch of faculty & staff people keep asking me questions about him & saying that he is in trouble — but no one will tell me what they mean. I try to ignore this stuff & just stay in the lab but it seems everytime I venture out somebody starts up with the same stuff over again.

Did progress exp's @ 10% TP since before this gave us the 4 times increase in the new

#3 Setup a reactor, again! & preheated it with 18 ml toluene and 0.100g SDS & for prep I was transferred 18 ml TB. Next I converted this to -80°C under N_2 (g), sealed, calibrated to the solvent fix, & put it back under N_2 (g). Next I replaced the 24/40 mixer after adapter with a stir bearing block assembly & then stirred the reactor contents @ 580 rpm @ -80°C under N_2 (g). Next I injected 1.0 ml HG stock (4.193×10^{-5} moles) during which IR was cupwired & the entire reaction turned yellow — a dump of polymer was actually squirting around in the reactor briefly — color persisted for ~ 7 mins & slowly disappeared to a white color, polymer chunks must have redissolved into remaining TB or was solubilized by the soap. (was some still as a chunk). Anyways prep was allowed to go for 1 full hour.

5.94 g or 46.9%

SIGNATURE _____

DATE _____

20 _____

READ AND UNDERSTOOD _____

DATE _____

20 _____