

- 1: beta zeolite with template + 20 mM TEKPoL in TCE
2. MTO activated beta ~~zeolite~~ zeolite + 20 mM TEKPoL in TCE.
3. MTO activated MMN-beta zeolite + 20 mM TEKPoL in TCE
4. MMN-beta zeolite with template + 20 mM TEKPoL in TCE.