Figure: S1 (a, b) UV spectrum of (a) MIL-53(Fe)- hydrated and (b) MIL-53(Fe)- dehydrated, (Right side) Kubelka-Munk plot illustrating the band gap energy for MIL-53(Fe)- hydrated and (b) MIL-53(Fe)-dehydrated.

Figure: S2 (a, b) Raman spectra of (a) MIL-53(Fe)- hydrated and (b) MIL-53(Fe)- dehydrated
Figure S3: Turn over frequency of MIL-53(Fe) hydrated and dehydrated catalyst.