

Ceria-zirconia modified MnO_x catalysts for gaseous elemental mercury oxidation and adsorption

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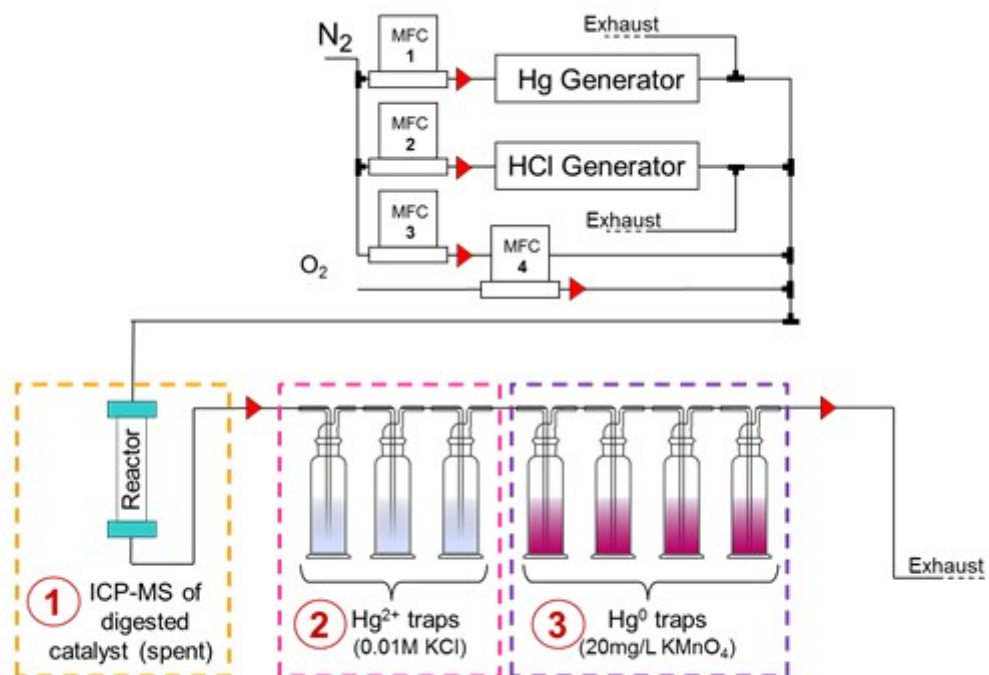


Fig. S1. Schematic diagram of experimental setup.

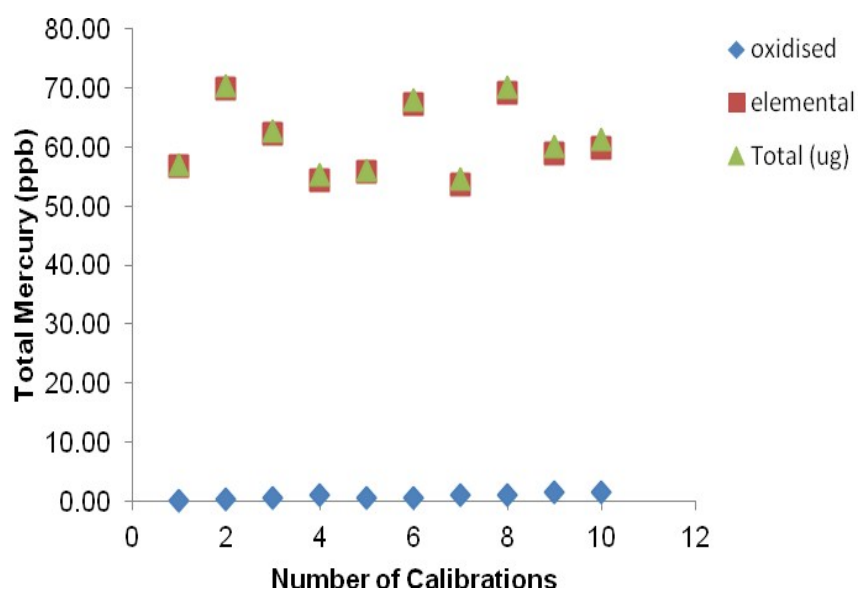


Fig. S2 The calibration experiments for total amount of inlet mercury ($\text{Hg}^0_{\text{inlet}}$).

Table S1 H_2 consumption values of $\text{CeO}_2\text{-ZrO}_2$ (CZ), $\text{MnO}_x/\text{CeO}_2$ (Mn/Ce), $\text{MnO}_x/\text{ZrO}_2$ (Mn/Zr), and 15% $\text{MnO}_x/\text{CeO}_2\text{-ZrO}_2$ (15Mn/CZ) catalysts.

Sample	H ₂ consumption (μmol/g)			Total
	T1	T2	T3	
CZ	723	212	-	935
Mn/Ce	85	187	326	598
Mn/Zr	102	338	-	440
15Mn/CZ	843	346	84	1273