SUPPLEMENTARY INFORMATION

Roles of Supports ($\gamma$-Al$_2$O$_3$, SiO$_2$, ZrO$_2$) and Performance of Metals (Ni, Co, Mo) for Steam Reforming of Isobutanol

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Fig. S1. Powder XRD pattern of calcined catalysts. A. NiO, γ-Al₂O₃, 4.3NiAl, SiO₂, 4.3NiSi, ZrO₂, and 4.3NiZr and B. γ-Al₂O₃, NiO, 4.3NiAl, Co₃O₄, 4.3CoAl, MoO₃, and 4.3MoAl.
Fig. S2. Time-on-stream behavior of 7.3CoAl catalyst. Conditions: 873 K, SCMR = 2.47, WHSV = 7.02 h⁻¹, CCGP = 100%.
Fig. S3. FTIR profile of spent A. 4.3NiAl, 4.3NiZr, and 4.3NiSi and B. 4.3NiAl, 4.3CoAl, and 4.3MoAl.