

ADDITIONS AND CORRECTIONS

2003, Volume 107A

Benjamin J. Lynch and Donald G. Truhlar*: Small Representative Benchmarks for Thermochemical Calculations

Page 8997. There were typographical errors in Table 2. The correct values for the barriers are in the table below. The barrier values cited below are the values used to obtain the related errors that appeared in Tables 3, 4, and 5. None of the corrections change any of the values in other tables, text, or figures.

TABLE 2: Accurate Values (kcal/mol) for Forward (f) and Reverse (r) Barrier Heights

reaction	V_f^\ddagger	V_r^\ddagger
$\text{OH} + \text{CH}_4 \rightarrow \text{CH}_3 + \text{H}_2\text{O}$	6.7	19.6
$\text{H} + \text{OH} \rightarrow \text{O} + \text{H}_2$	10.7	13.1
$\text{H} + \text{H}_2\text{S} \rightarrow \text{H}_2 + \text{HS}$	3.6	17.3

Acknowledgment. The authors thank Yan Zhao for useful conversations.

10.1021/jp0379190

Published on Web 01/30/2004