

Correction to Isobaric Thermal Expansivities of Toluene Measured by Scanning Transitiometry at Temperatures from (243 to 423) K and Pressures up to 200 MPa [*Journal of Chemical & Engineering Data* 2010, 55, 5489–5496. DOI: 10.1021/je100657n]. Mirosław Chorążewski,\* Jean-Pierre E. Grolier, and Stanisław L. Randzio

In the original document (*J. Chem. Eng. Data* 2010, 55 (12), 5489–5496), page 5491, eq 5, and page 5492, Table 4, contained

**Table 4. Coefficients of Equation 5 for Toluene in the Temperature Limits (243.15 to 423.15) K at Pressures up to 200 MPa, Together with the Mean ( $\delta$ ) and Maximum ( $\Delta$ ) Deviations from the Regression Line**

$i$	$a_i$	$b_i$
	MPa <sup>0.5</sup> ·K <sup>-i-1</sup>	MPa·K <sup>-i</sup>
0	1.586717·10 <sup>-2</sup>	372.897
1	-1.858937·10 <sup>-5</sup>	-1.316465
2	-2.298217·10 <sup>-9</sup>	1.158079·10 <sup>-3</sup>
$\delta$ /K <sup>-1</sup>	0.000008	
$\Delta$ /K <sup>-1</sup>	0.000024	

errors.

The corrected eq 5 is given below.

$$\alpha_p(p, T) = \frac{a_0 + a_1T + a_2T^2}{[(b_0 + b_1T + b_2T^2) + p]^{0.5}} \quad (5)$$

DOI: 10.1021/je2000638

Published on Web 02/23/2011