Diffusion coefficient of 1-methoxy-4-methyl-benzene in propan-2-one at infinite dilution

3 Diffusion in Liquid Mixtures

3.1. Data

3.1.2. Diffusion in Binary Mixtures at Infinite Dilution

$C_8\,H_{10}\,O$	(1)	1-methoxy-4-methyl-benzene	104-93-8
$C_3\,H_6\,O$	(2)	propan-2-one	67-64-1
Diffusion Coefficient at infinite dilution: $p = 101.325$ kPa; Method: TAYLOR			Ref.: [1997C3]
T [K]	Type	$D \cdot 10^9$ [m^2/s]	
298.15 ± 0.02	$D^0_{1(2)}$	3.27 ± 0.03	

Symbols and Abbreviations

Short Form	Full Form
D	diffusion coefficient
p	pressure
T	temperature
TAYLOR	Taylor dispersion technique

References

[1997C3] Chan, T. C., Ma, N. L., Chen, N.: J. Chem. Phys. **107** (1997) 1890–1895.

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