Corrected Table I:

Table I:

Densities (ρ), viscosities (ɳ) and ultrasonic velocities (U) of pure morpholine, nitrobenzene 1,4- dioxane and toluene.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Compounds | *T/ K* | *ρ/ kg m-3* | | *ɳ/ cP* | | *U/ m s-1* | |
| Exp | Lit | Exp | Lit | Exp | Lit |
| Morpholine19,20 | 308.15 | 0.9869 | 0.9863  0.9925 | 2.0977 | 2.0955 | 1420 | 1410 |
| Nitrobenzene21 | 308.15 | 1.1877 | 1.1911 | 1.5678 | 1.5543 | 1375 | 1379 |
| 1,4-dioxane22,23 | 308.15 | 1.0167 | 1.01668  1.01659 | 1.025 | 1.028  1.014 | 1300 | 1300.3 |
| Toluene24,25 | 308.15 | 0.8378 | 0.8566  (at 303.15K) | 0.5099 | 0.527  (at 303.15K) | 1250 |  |