

Vapor Pressure of a Pure Liquid

T	P (torr)	1/T	ln P _{vap}

Slope _____ ± _____ (units)

Intercept _____ ± _____ (units)

Z _____ at _____ K or T_R _____

$\Delta_{\text{vap}}H$ _____ ± _____ (units) at _____ K

$\Delta_{\text{vap}}C_P$ _____ units

$\Delta_{\text{vap}}H^\ominus$ _____ ± _____ (units) at 309.2K

$\Delta_{\text{vap}}S^\ominus$ _____ ± _____ (units) at 309.2K

$\Delta_{\text{vap}}H^\ominus$ _____ ± _____ (units) at 298.15K

$\Delta_{\text{vap}}S^\ominus$ _____ ± _____ (units) at 298.15K

Molecular Weight: Mass _____

Pressure _____ (units)

Volume _____ (units)

Molar Mass _____