Título de la nota 25/06/2024

$t_0 = 0.78 \text{ min}$

$t_A = 4.58$

$t_B = 4.77$

$$K'_A = \frac{t_{rA} - t_0}{t_0}$$

$$= \frac{4.58 \text{ min} - 0.78 \text{ min}}{0.78 \text{ min}}$$

$$= 4.87$$

$$V'_B = \frac{t_{rB} - t_0}{t_0}$$

$$V'_B = \frac{4.77 \text{ min} - 0.78 \text{ min}}{0.78 \text{ min}}$$

$$V'_B = 5.11$$

$$\alpha = \frac{K'_B}{K'_A} = \frac{5.11}{4.87} = 1.049$$

$$N = 16\left(\frac{t_{r_B}}{W_b}\right)^2 = 16\left(\frac{4.77\,\text{min}}{0.07\,\text{min}}\right)^2$$

$$= 74295$$

$$H = \frac{L}{N} = \frac{20\,\text{m}}{74295}$$

$$= \frac{2.69 \times 10^{-4}\,\text{m} \times 10^{2}\,\text{cm}}{1\,\text{m}}$$

$$= 2.69 \times 10^{-2}\,\text{cm} = 0.0269\,\text{cm}$$

$$V = \frac{L}{t_o} = \frac{20\ m}{0.78\ min}$$

$$= \frac{25.69\ M}{min} \times \frac{10^2\ cm}{1\ m}$$

$$= \frac{2.569 \times 10^3\ cm}{min}$$

$$R = \frac{2(t_{vB} - t_{vA})}{W_{bA} + W_{bA}} = 2\left[\frac{4.77 - 4.58\ min}{(0.07 + 0.07)\ min}\right]$$

$$= 2.71$$

$$V_0 = F \times t_0$$

$$= \left(\frac{1.4\ mL}{min}\right) \times (0.78\ min)$$

$$= 1.092\ mL$$

$$I = 100\left[\frac{(\log t_R - \log t_R z)}{\log t_R(z+1) - \log t_R z)}\right] + z$$

$$385.82 = 100[\ ] + 300$$

$$\frac{385.82 - 300}{100} = [\ ]$$

$$0.8582 = \left[\frac{\log t_R - \log(4.78)}{\{\log(6.86) - \log(4.78)\}}\right]$$

$$0.8582\left(0.157\right) = \log t_R - 0.679$$

$$0.135 + 0.679 = \log t_R$$

$$\log tr = 0.814$$

$$10^{\log tr} = 10^{0.814}$$

$$t_r = 10^{0.814}$$

$$= 6.516$$