

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/27/2024 1:32:53 PM
From File	FYNOP ProUCL Data Group B1 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-115 Vinyl Chloride

General Statistics

Number of Events Reported (m)	6
Number of Missing Events	0
Number or Reported Events Used	6
Number Values Reported (n)	6
Minimum	67
Maximum	95
Mean	83
Geometric Mean	82.49
Median	84
Standard Deviation	9.859
Coefficient of Variation	0.119

Mann-Kendall Test

M-K Test Value (S)	5
Tabulated p-value	0.235
Standard Deviation of S	5.323
Standardized Value of S	0.751
Approximate p-value	0.226

Insufficient evidence to identify a significant trend at the specified level of significance.