_curve method

For a curve controlled device, do the following:

1. For G7 calibration, select the **G7** check box. This selects the G7 target automatically.
2. If you want the curve to be available in Prinergy, select the **Show curves in Prinergy** check box.
3. In the **Process Inks** tab, from the **Curves Method** list, select a desired method:
    - **Tonal Match:** Refers to Tonal Value Increase (TVI), also known as dot gain, and uses the calculated Effective Dot Area (EDA) for calibration. Calculations are based on the density measurements of each ink or colorant. You can use the same target response for each process color, or different target responses for optimizing color builds
    - **Gray Balance:** Adjust tonality by simultaneously calibrating cyan, magenta, and yellow inks so that neutral shades of gray are maintained, while the black ink is calibrated separately for lightness and darkness.
    - **Manual Adjustments only:** Generates a linear curve that can be manually adjusted later
4. If you have added and measured one or more spot inks, in the **Spot Inks** tab, select a target from the **Target** list and select a curve method.
   Note: For a spot ink whose response has not been measured, the following settings always apply: **Curves Method**: **None** and **Curves Method**: **Manual Adjustments Only**. You can view the Curves Method for each spot ink by clicking **Details** in the Conversion Definition dialog.

    - If you have measured the SCTV response of spot inks, select **Target** value **Linear** (selected automatically). This sets the **Curves Method** to **Linear SCTV**.
    - To calibrate spot inks to an EDA or TVI target, select any **Target** value other than **Linear** or **None** . This sets the **Curves Method** to **Tonal Match**.
    - To generate linear curves that can be manually adjusted, select **Target** value **None**. This sets the **Curves Method** to **Manual Adjustments Only**.