

Method design

AcqKey/QntKey/SmpKey, Replace vs Append, ESTD/ISTD, doses, thresholds, Initial vs Bracket.

Keys, import modes, ESTD/ISTD, doses, area thresholds, and calibration mode — the method tables you edit before Analyze.

Keys

Key	Meaning
AcqKey	Acquisition / method set. Append import creates a new AcqKey so several instruments or acquisition methods share one Quanto method.
QntKey	Quant ion / transition identity within an analyte.
SmpKey	Sample key for grouping injections (Key Review winners).

Multi-instrument pick: [Key Review](#).

Replace vs Append (method import)

Method → Load / Import:

Mode	Effect
Replace	Swaps the current method; sample results are cleared
Append	Adds the import under a new AcqKey ; keeps existing analytes

You can append only selected AcqKey + name keys when the dialog offers a candidate list. Details: [Reports, import, and export](#).

ESTD vs ISTD

Setting	Meaning
ESTD	Quant has no ISTD link — external standard curve
ISTD	Quant points at an ISTD Quant — ratio / internal standard

You can mix ESTD and ISTD Quants in one method. Guides: [ESTD](#), [ISTD](#).

Doses

Shared dose names on the method:

Dose	Typical use
C1, C2, ...	Calibration levels
IS	Reserved ISTD spike amount

Calibration bottles need a dose that exists on the analyte. ISTD bottles still use IS. Partial update of stored levels: [Multi-batch dose responses](#).

Area thresholds

When importing integrator peaks, insignificant peaks are also filtered by a method/channel area (or height) threshold:

Setting	Default
AreaThresholdPercent / DefaultPercent	30
Dose reference	Lowest calibration concentration (or a named dose)

Threshold = calibration response × percent / 100. Channels can override with an absolute threshold instead of the general percent. See [Manual integration](#).

Calibration mode

Mode	Behavior
Initial	One curve from the calibration set (default for new work)
Bracket	A curve per calibration bracket around samples

Vendor method import does **not** set Calibration mode — you choose it in Quanto. Guide: [Bracket calibration](#).

Checklist before Analyze

1. Analytes / Quants / Qualifiers and extraction windows.
2. AcqKeys after any Append.
3. Doses C1... and IS; Quant doses on the curve.
4. Sample types mapping.
5. ESTD/ISTD links and QuantitateByHeight if you use height.
6. Area threshold percent / dose.
7. Calibration mode Initial vs Bracket.

Then load bottles and Analyze ([Set up an analysis](#)).