



1.7

Setting up a Batch (2/3) – Data Analysis Method

Std. Familiarization Time: 0:10:00

Approximate Video Time: 0:06:30

[Play the Video](#)

Startup

- [Data Analysis Method]
 - [FullQuant Analysis]
 - [SemiQuant Analysis]
 - [Analysis Mode]

Analyte List

- [Delete]
- [Load List from Acquisition Method]
- Set elements for [ISTD]

Calibration (1/3)

- [Curve Fit]
- [Origin]
- [ISTD]
- [Units]
- [Level]

Calibration (2/3)

- [Conc Multiply]
- [Add Levels]
- [Advanced Info] (In MassHunter 5.1, perform operations from Task Navigator)
 - [FullQuant Outlier]
 - [Worklist Actions]

Calibration (3/3)

[Demo Mode] Online ICP-MS MassHunter - 7900FQ-08_Jan_2021-15_18_40.b

File Home View Report Tools

Nebulizer Pump Speed Autosampler Plasma Configuration Skip Warming up Set as Global Tune New Open Create From Template Save As Add to Queue Advanced Option Resume Pause Stop

Sample Handling Startup Batch Acquisition Queue

Task Navigator

- Hardware
 - Dashboard
- Startup
 - Startup Configuration
 - User Tune Configuration
- Acquisition
 - Setup
 - Tune Modes
 - Element Selection
 - Sample Introduction
 - Monitor
 - Analyte List
 - Calibration
 - SemiQuant
 - QC
 - Worklist Actions
- Sequence
 - Sample List
- Queue
 - Acquisition Queue
- Result
 - Online Data Analysis

Batch - 7900FQ-08_Jan_2021-15_18_40.b

Validate Method DA Method Task:

Basic Calibration Parameters

Calibration Title	Calibration Method	Edit ISTD Conc	Weighting	Virtual ISTD Correction
	External Calibration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tune Mode	Mass	Name	Curve Fit	Origin	ISTD	Min Conc.	Units	Outlier	Level					QC				Blank		Spike Amount		
									Level 1	Level 2	Level 3	Level 4	Level 5	QC1	QC2	QC3	QC4	QC5	BlkVrfy	Spike1	Spike2	Spike3
1: No Gas	9	Be	Linear	Blank offset	6	<None>	ppb	<input checked="" type="checkbox"/>	0	1	10	50	100									
2: He	23	Na	Linear	Blank offset	45	<None>	ppb	<input checked="" type="checkbox"/>	0	100	1000	5000	10000									
2: He	24	Mg	Linear	Blank offset							1000	5000	10000									
2: He	27	Al	Linear	Blank offset							10	50	100									
2: He	39	K	Linear	Blank offset							1000	5000	10000									
2: He	44	Ca	Linear	Blank offset							1000	5000	10000									
2: He	51	V	Linear	Blank offset							10	50	100									
2: He	52	Cr	Linear	Blank offset							10	50	100									
2: He	55	Mn	Linear	Blank offset							10	50	100									
2: He	56	Fe	Linear	Blank offset							1000	5000	10000									
2: He	59	Co	Linear	Blank offset	115	<None>	ppb	<input checked="" type="checkbox"/>	0	1	10	50	100									
2: He	60	Ni	Linear	Blank offset	115	<None>	ppb	<input checked="" type="checkbox"/>	0	1	10	50	100									
2: He	63	Cu	Linear	Blank offset	115	<None>	ppb	<input checked="" type="checkbox"/>	0	1	10	50	100									
2: He	66	Zn	Linear	Blank offset	115	<None>	ppb	<input checked="" type="checkbox"/>	0	1	10	50	100									
2: He	75	As	Linear	Blank offset	72	<None>	ppb	<input checked="" type="checkbox"/>	0	1	10	50	100									

Multiply Conc

Level

Level 1 Level 2 Level 3 Level 4 Level 5

0 0.1 1 5 10

OK Cancel

Tune Mode	Mass	Name	Units	Outlier
1: No Gas	6	Li		<input checked="" type="checkbox"/>
1: No Gas	7	Li		<input checked="" type="checkbox"/>
1: No Gas	45	Sc		<input checked="" type="checkbox"/>
2: He	45	Sc		<input checked="" type="checkbox"/>
2: He	72	Ge		<input checked="" type="checkbox"/>
2: He	103	Rh		<input checked="" type="checkbox"/>
2: He	115	In		<input checked="" type="checkbox"/>

ISTD

Analysis

1/8/2021 4:05:41 PM 3004, Power cycling was detected.

ENG JA