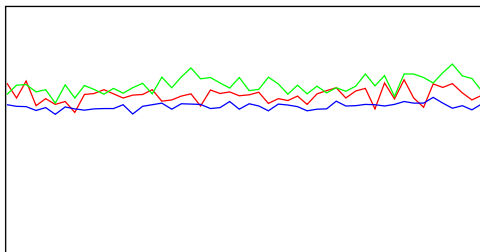


Tune Report

Operator Name ICPMS QQQ 8900
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\2024\121224(1).b
Acq. Date-Time 12/12/2024 12:01:42 PM
Report Comment ---
Instrument Name G3665A SG23363340

[He]

Sensitivity



Mass	Range	Count	RSD%	Background
59	1000	645	4.597	
89	1000	687	4.840	
205	5000	2999	2.211	

Sampling Period [sec] 0.31

Integration Time [sec] 0.1

Oxide/Doubly Charged Ratio

Oxide 156 / 140 0.138 %

Doubly Charged 70 / 140 0.809 %

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	0.0 %	Auxiliary Gas	0.90 L/min
RF Matching	1.60 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Q1 Entrance	-50.0 V	Cell Exit	-60 V
Extract 2	-175.0 V	Q1 Exit	2.0 V	Deflect	-4.2 V
Omega Bias	-85 V	Cell Focus	-4.0 V	Plate Bias	-60 V
Omega Lens	8.0 V	Cell Entrance	-50 V		

Q1 Parameters

Q1 Mass Gain	126	Q1 Bias	-5.0 V
Q1 Mass Offset	127	Q1 Prefilter Bias	-9.5 V
Q1 Axis Gain	0.9999	Q1 Postfilter Bias	-6.0 V
Q1 Axis Offset	-0.06		

Q1 Ion Guide Parameters

SLS Factor	0.60	SLG Factor	0.90
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Cell Parameters

Use Gas	Yes	3rd Gas Flow	0 %	Axial Acceleration	1.0 V
He Flow	5.0 mL/min	4th Gas Flow	0 %	OctP RF	170 V
H2 Flow	---	OctP Bias	-18.0 V	Energy Discrimination	3.0 V

Q2 Parameters

Q2 Mass Gain	125	Q2 Axis Gain	0.9995	Q2 Bias	-15.0 V
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Tune Report

Q2 Mass Offset 126

Q2 Axis Offset 0.04

Q2 Ion Guide Parameters

SLS Factor 0.50

SLG Factor 1.00

Wait Time Offset

Wait Time Offset 0 msec

Hardware Settings

Torch

Torch H 0.3 mm

Torch V 0.1 mm

EM

Discriminator 2.7 mV

Analog HV 2188 V

Pulse HV 1169 V