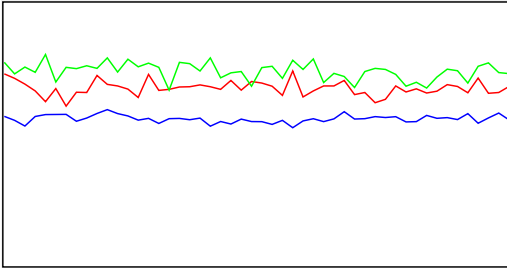


# Tune Report

Operator Name ICPMS QQQ 8900  
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\2024\121124(1).b  
Acq. Date-Time 11/12/2024 3:11:43 PM  
Report Comment ---  
Instrument Name G3665A SG23363340

[He]

## Sensitivity



Mass	Range	Count	RSD%	Background
59	1000	676	4.126	
89	1000	742	4.439	
205	5000	2799	2.590	

Sampling Period [sec] 0.31  
Integration Time [sec] 0.1

## Oxide/Doubly Charged Ratio

Oxide 156 / 140 0.217 %  
Doubly Charged 70 / 140 0.802 %

## 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	-165.0 V	Q1 Exit	2.0 V	Deflect	-5.0 V
Omega Bias	-80 V	Cell Focus	-6.0 V	Plate Bias	-60 V
Omega Lens	8.4 V	Cell Entrance	-50 V		

### Q1 Parameters

Q1 Mass Gain	126	Q1 Bias	-3.0 V
Q1 Mass Offset	126	Q1 Prefilter Bias	-9.5 V
Q1 Axis Gain	1.0001	Q1 Postfilter Bias	-7.0 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	0.9996	Q2 Bias	-15.0 V
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# Tune Report

Q2 Mass Offset	126	Q2 Axis Offset	0.05		
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	2189 V	Pulse HV	1169 V