Acq Method

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\Users\Romain\240319_UPb-Steinheim.b

[ACQ PARAMETERS]
Acq Mode TRA

Tune Mode #1: tune 1
Sampling Period 0.4936 sec
Acq Time 15599.7344 sec
Number of Masses 27

Element Name	Monitor	Mass	IntegTime/Mass [sec]	Detector Mode
Mg	OFF	26	0.0050	Auto
Si	ON	29	0.0050	Auto
P	ON	31	0.0100	Auto
Ca	ON	44	0.0050	Auto
Mn	OFF	55	0.0050	Auto
Fe	ON	57	0.0050	Auto
La	OFF	139	0.0100	Auto
Ce	ON	140	0.0100	Auto
Pr	OFF	141	0.0100	Auto
Nd	OFF	146	0.0100	Auto
Sm	ON	147	0.0100	Auto
Eu	OFF	153	0.0100	Auto
Gd	OFF	157	0.0100	Auto
Tb	OFF	159	0.0100	Auto
Dy	OFF	163	0.0100	Auto
Ho	OFF	165	0.0100	Auto
Er	OFF	166	0.0100	Auto
Tm	OFF	169	0.0100	Auto
Yb	OFF	172	0.0100	Auto
Lu	ON	175	0.0100	Auto
Hg	OFF	202	0.0200	Auto
Pb	ON	204	0.0200	Auto
Pb	ON	206	0.0500	Auto
Pb	ON	207	0.0800	Auto
Pb	ON	208	0.0150	Auto
Th	ON	232	0.0150	Auto
U	ON	238	0.0300	Auto

[MONITOR]
tune 1

Mass (Numerator)	(Denominator)
29	
31	

Acq Method

44
57
140
147
175
204
206
207
208
232
238

[PERIPUMP/ISIS]

Sample Introduction	General	

PeriPump/ISIS Settings

Pre Run

Uptake Speed (Nebulizer Pump)	0.5	rps
Uptake Time	30	sec
Stabilize	30	sec

Post Run (Probe Rinse)

Rinse Speed (Nebulizer Pump)		rps
Rinse at Rinse Port (Sample)		sec
Rinse at Rinse Port (Std)		sec

Post Run (Rinse)

Rinse Vial 1

Rinse Speed (Nebulizer Pump)		rps
Rinse at Rinse Vial (Step 1)		sec
Rinse at Rinse Port (Step 1)		sec

Rinse Vial 2

Rinse Speed (Nebulizer Pump)		rps
Rinse at Rinse Vial (Step 2)		sec
Rinse at Rinse Port (Step 2)		sec

Rinse Vial 3

Rinse Speed (Nebulizer Pump)		rps
Rinse at Rinse Vial (Step 3)		sec
Rinse at Rinse Port (Step 3)		sec

Rinse Vial 4

Rinse Speed (Nebulizer Pump)		rps
Rinse at Rinse Vial (Step 4)		sec
Rinse at Rinse Port (Step 4)		sec

Intelligent Rinse

Intelligent Rinse	Off	

Preemptive Rinse

Preemptive Rinse	Off	

Acq Method

[TUNE]

Tune Way	Custom Tune	
Tune Mode #1:	tune 1	

(Scan Type)

Scan Type	Single Quad	

(Plasma)

RF Power	1350	W
RF Matching	1.30	V
Smpl Depth	3.5	mm
Nebulizer Gas	0.65	l/min
Option Gas	0.0	%
Nebulizer Pump	0.00	rps
S/C Temp	2	°C
Gas Switch	Makeup Gas	
Makeup/Dilution Gas	0.00	l/min
Plasma Gas	15.0	l/min
Auxiliary Gas	0.9	l/min

(Lenses)

Extract 1	-6.2	V
Extract 2	-230.0	V
Omega Bias	-135	V
Omega Lens	10.2	V
Q1 Entrance	-69.0	V
Q1 Exit	2.0	V
Cell Focus	-3.0	V
Cell Entrance	-40	V
Cell Exit	-90	V
Deflect	20.0	V
Plate Bias	-57	V

(Q1)

Q1 Bias	-8.0	V
Q1 Prefilter Bias	-7.5	V
Q1 Postfilter Bias	-9.0	V

(Q1 Ion Guide)

SLS Factor	0.60	
SLG Factor	0.90	

(Cell)

Use Gas	No	
He Flow	Off	
He Flow Rate	0.0	ml/min

Acq Method

H2 Flow	Off	
H2 Flow Rate	0.0	ml/min
3rd Gas Flow	Off	
3rd Gas Flow Rate	0	%
4th Gas Flow	Off	
4th Gas Flow Rate	0	%
OctP Bias	-9.0	V
Axial Acceleration	0.5	V
OctP RF	180	V
Energy Discrimination	4.0	V
(Wait Time Offset)		
Wait Time Offset	2	msec