

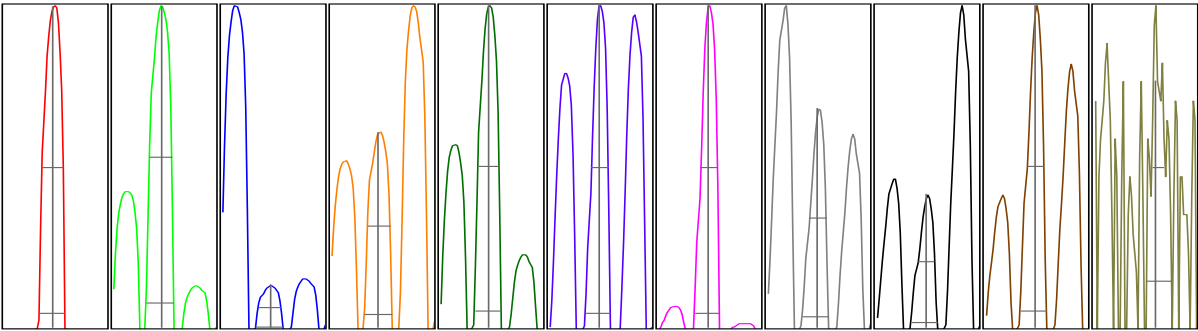
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7061517-MS .b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	7458	0.67	5.00	
24	116098	0.77	5.00	
25	15650	0.97	5.00	
26	18281	0.84	5.00	
59	82286	0.87	5.00	
113	11473	0.56	5.00	
115	158407	0.47	5.00	
206	32220	0.82	5.00	
207	28970	1.24	5.00	
208	69613	0.78	5.00	
220	0	15.71		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	7374	7471	7508	7467	7468
24	114879	115500	116269	116989	116854
25	15383	15678	15701	15734	15755
26	18060	18230	18269	18444	18404
59	81286	81903	82455	82649	83136
113	11430	11382	11509	11529	11516
115	157352	158022	158829	159283	158550
206	31799	32125	32341	32415	32418
207	28350	29029	29090	29278	29105
208	68759	69831	69793	70213	69470
220	0	1	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	12845	8.95	8.9 - 9.1		0.741	0.900	
24	189048	23.95	23.9 - 24.1		0.806	0.900	
25	25275	24.95	24.9 - 25.1		0.786	0.900	
26	29564	25.90	25.9 - 26.1		0.802	0.900	
59	142267	58.95	58.9 - 59.1		0.780	0.900	
113	23131	113.00	112.9 - 113.1		0.723	0.900	
115	316812	115.00	114.9 - 115.1		0.725	0.900	
206	65943	206.00	205.9 - 206.1		0.762	0.900	
207	58539	207.00	206.9 - 207.1		0.768	0.900	
208	141494	208.00	207.9 - 208.1		0.766	0.900	
220	1	220.35	-		0.716		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.8	V	Deflect	14.0	V
Extract 2	-170.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-80	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	21521	0.30	
89	5682	0.39	
205	28286	0.35	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	21503	21458	21513	21497	21632
89	5652	5664	5697	5696	5700
205	28437	28199	28315	28196	28284

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.5	V	Deflect	1.8	V
Extract 2	-165.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	200	V			