

US EPA Tune Check Sample Report

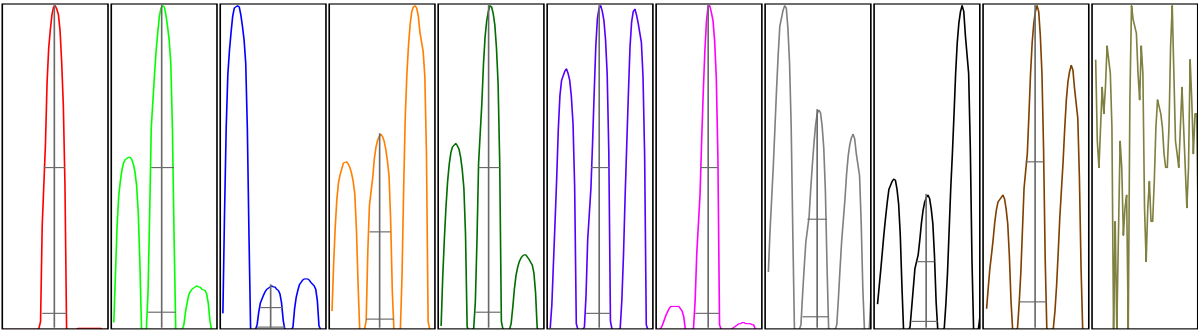
Batch Folder D:\ICP-MS Data\P7051817-ICPMS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	95894	0.75	5.00	
24	1373847	0.64	5.00	
25	184703	0.51	5.00	
26	211797	0.66	5.00	
59	954468	0.64	5.00	
113	137482	0.75	5.00	
115	1853628	0.82	5.00	
206	389802	0.89	5.00	
207	351821	0.50	5.00	
208	837637	0.47	5.00	
220	8	12.47		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	95717	95498	96989	96166	95100
24	1365511	1374964	1388160	1372099	1368499
25	183391	184622	186026	184616	184861
26	210357	211836	213603	212697	210492
59	950023	956817	962182	956610	946706
113	136039	137783	138619	138089	136879
115	1845557	1860004	1868487	1863009	1831082
206	388876	389410	393567	392417	384741
207	351908	349988	351396	351075	354739
208	835242	834542	843718	839472	835212
220	8	6	9	8	8

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	16671	9.00	8.9 - 9.1		0.740	0.900	
24	224732	23.95	23.9 - 24.1		0.819	0.900	
25	30086	24.95	24.9 - 25.1		0.816	0.900	
26	35078	25.95	25.9 - 26.1		0.787	0.900	
59	166472	58.95	58.9 - 59.1		0.768	0.900	
113	26625	113.00	112.9 - 113.1		0.725	0.900	
115	363514	115.00	114.9 - 115.1		0.719	0.900	
206	75718	206.00	205.9 - 206.1		0.776	0.900	
207	67426	207.00	206.9 - 207.1		0.772	0.900	
208	163014	208.00	207.9 - 208.1		0.777	0.900	
220			-				

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			
RF Matching	1.80	V	Option Gas	0.0	%			
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rps			
S/C Temp	2	°C						

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.0	V			
Extract 2	-190.0	V	Cell Entrance	-30	V			
Omega Bias	-90	V	Cell Exit	-50	V			
Deflect	13.4	V						

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	false		OctP Bias	-8.0	V			
He Flow	0.0	mL/min	OctP RF	180	V			
Energy Discrimination	5.0	V						

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	258079	0.87	
89	65596	1.23	
205	332925	1.19	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	259974	258685	259745	257516	254474
89	66007	65423	66649	65434	64466
205	336895	333110	336452	330603	327567

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			
RF Matching	1.80	V	Option Gas	0.0	%			
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rps			
S/C Temp	2	°C						

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.6	V			
Extract 2	-200.0	V	Cell Entrance	-40	V			
Omega Bias	-90	V	Cell Exit	-60	V			
Deflect	1.8	V						

Cell Parameters

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