

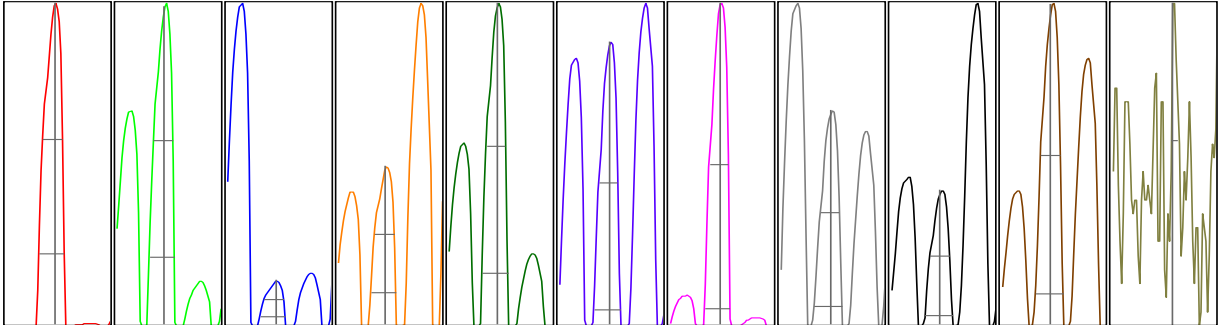
US EPA Tune Check Sample Report

Batch Folder D:\P8031219-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	2904	3.34	5.00	
24	42414	2.58	5.00	
25	6151	2.69	5.00	
26	7634	2.54	5.00	
59	39919	2.18	5.00	
113	4719	1.93	5.00	
115	56124	2.48	5.00	
206	10088	1.95	5.00	
207	9271	2.17	5.00	
208	21744	2.29	5.00	
220	1	8.09		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	2778	2869	3047	2915	2912
24	40971	42068	43995	42324	42713
25	5951	6066	6394	6140	6207
26	7366	7587	7910	7654	7653
59	39016	39435	41320	39970	39856
113	4619	4708	4868	4685	4713
115	54662	55714	58428	56079	55738
206	9852	9982	10375	10161	10071
207	9019	9174	9566	9291	9309
208	21200	21459	22516	21676	21867
220	1	1	2	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	5346	8.95	8.9 - 9.1		0.723	0.900	
24	78761	23.90	23.9 - 24.1		0.713	0.900	
25	11005	24.95	24.9 - 25.1		0.714	0.900	
26	13118	25.90	25.9 - 26.1		0.708	0.900	
59	73395	58.95	58.9 - 59.1		0.734	0.900	
113	8986	113.00	112.9 - 113.1		0.768	0.900	
115	107731	115.00	114.9 - 115.1		0.728	0.900	
206	18364	206.00	205.9 - 206.1		0.795	0.900	
207	16571	206.95	206.9 - 207.1		0.776	0.900	
208	39528	207.95	207.9 - 208.1		0.791	0.900	
220	2	220.30	-				

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
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.6	V	Deflect	15.2	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	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 (Mean)	RSD% (Actual)	RSD% (Required)
59	7442	2.13	
89	3280	2.39	
205	8316	1.17	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7580	7610	7460	7267	7292
89	3330	3394	3231	3219	3225
205	8342	8470	8273	8283	8214

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.6	V	Deflect	3.2	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	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	5.0	mL/min	OctP RF	200	V			