

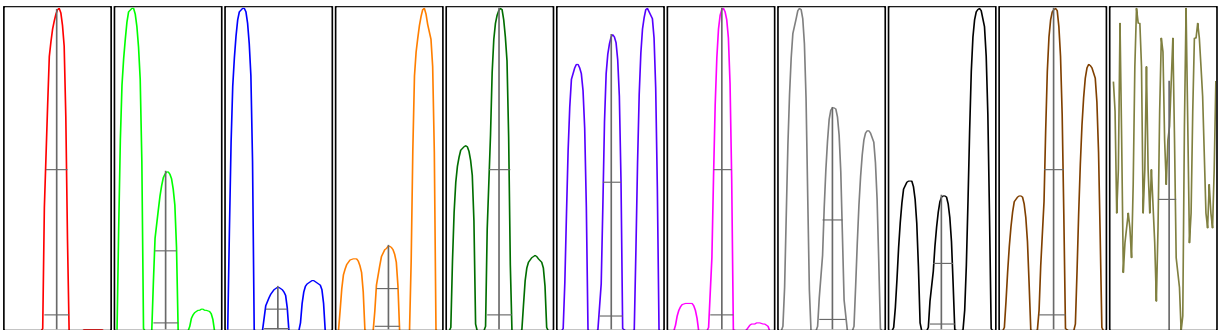
US EPA Tune Check Sample Report

Batch Folder D:\P8011918MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3599	1.89	5.00	
24	21019	1.15	5.00	
25	2819	1.16	5.00	
26	3267	1.33	5.00	
59	41195	1.64	5.00	
113	5968	1.84	5.00	
115	75428	1.91	5.00	
206	19605	1.49	5.00	
207	17762	1.61	5.00	
208	42572	1.66	5.00	
220	1	20.84		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3610	3627	3622	3655	3481
24	20994	21055	21127	21286	20633
25	2804	2838	2826	2858	2772
26	3295	3282	3288	3280	3190
59	41446	41539	41558	41440	39990
113	6022	6006	6041	5999	5774
115	76321	75996	76047	75907	72866
206	19771	19679	19760	19727	19085
207	17865	17828	17936	17923	17255
208	42806	43006	42868	42866	41315
220	1	1	1	1	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	6178	9.00	8.9 - 9.1		0.735	0.900	
24	35758	23.95	23.9 - 24.1		0.738	0.900	
25	4790	25.00	24.9 - 25.1		0.738	0.900	
26	5583	26.00	25.9 - 26.1		0.735	0.900	
59	73846	59.00	58.9 - 59.1		0.732	0.900	
113	11458	113.05	112.9 - 113.1		0.681	0.900	
115	144215	115.05	114.9 - 115.1		0.686	0.900	
206	36531	206.05	205.9 - 206.1		0.771	0.900	
207	32789	207.00	206.9 - 207.1		0.738	0.900	
208	78342	208.05	207.9 - 208.1		0.755	0.900	
220	2	220.20	-				

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	10.1	V	Deflect	14.0	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	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	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5037	3.47	
89	1114	4.12	
205	8372	2.85	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5214	5200	4911	4817	5041
89	1156	1158	1079	1056	1124
205	8639	8549	8197	8068	8410

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	10.1	V	Deflect	2.2	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	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			