

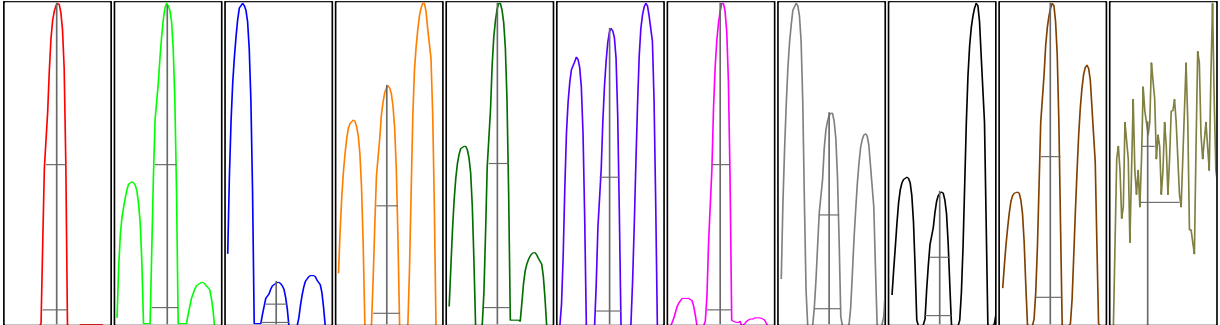
US EPA Tune Check Sample Report

Batch Folder D:\P8062818 -MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	9718	1.21	5.00	
24	152653	1.21	5.00	
25	20230	1.03	5.00	
26	23439	1.03	5.00	
59	90001	1.31	5.00	
113	10695	1.00	5.00	
115	134730	1.27	5.00	
206	26245	1.28	5.00	
207	24071	1.11	5.00	
208	57158	0.96	5.00	
220	1	11.55		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	9608	9780	9624	9890	9690
24	152136	154161	149957	154618	152391
25	20154	20362	19935	20479	20220
26	23381	23667	23131	23701	23314
59	89148	89840	89630	92055	89332
113	10624	10771	10573	10836	10670
115	135198	136532	131980	135485	134454
206	26031	26377	25830	26707	26279
207	23885	24005	23797	24462	24206
208	56763	57350	56432	57782	57464
220	1	1	1	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	17035	9.00	8.9 - 9.1		0.737	0.900	
24	255998	24.00	23.9 - 24.1		0.783	0.900	
25	34452	24.95	24.9 - 25.1		0.785	0.900	
26	40268	25.95	25.9 - 26.1		0.780	0.900	
59	159618	58.95	58.9 - 59.1		0.767	0.900	
113	20566	113.00	112.9 - 113.1		0.726	0.900	
115	257631	115.00	114.9 - 115.1		0.723	0.900	
206	49256	205.95	205.9 - 206.1		0.747	0.900	
207	44330	206.95	206.9 - 207.1		0.733	0.900	
208	106778	207.95	207.9 - 208.1		0.746	0.900	
220	1	219.60	-		1.128		

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	8.4	V	Deflect	13.0	V
Extract 2	-230.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	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	10129	1.80	
89	9048	1.84	
205	14548	1.79	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	10371	10196	9867	10083	10128
89	9318	9019	8860	9038	9004
205	14957	14575	14239	14490	14479

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	8.4	V	Deflect	3.2	V
Extract 2	-230.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	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	190	V			