

Supplemental Information S2: Intra and inter-day precision of the UHPLC-Q-TOF MS Method.

Plant Hormone:	Concentration 5 ng mL ⁻¹			Concentration 25 ng mL ⁻¹			Concentration 50 ng mL ⁻¹		
	Average	StDev	RSD	Average	StDev	RSD	Average	StDev	RSD
Intra-day precision, average of 3 repetitions									
Z	3.44	0.32	9.25	26.32	0.99	3.77	51.85	0.41	0.79
ZR	3.62	0.08	2.09	25.42	0.14	0.55	52.52	1.26	2.39
DPA	4.31	0.44	10.32	25.88	0.39	1.52	50.11	0.89	1.77
IAAsp	4.31	0.17	3.84	25.92	0.92	3.55	51.01	1.72	3.38
GA3	4.70	0.23	4.80	24.27	0.91	3.74	50.87	1.55	3.05
GA1	4.74	0.26	5.48	24.47	1.18	4.83	50.91	0.89	1.75
ABAGE	4.88	0.33	6.78	25.29	1.21	4.77	50.55	0.89	1.76
PA	4.37	0.25	5.70	25.62	0.83	3.26	50.81	0.15	0.30
7OHABA	5.55	0.14	2.50	24.29	0.06	0.26	50.28	1.38	2.75
ABA	5.42	0.02	0.42	24.05	0.31	1.28	49.35	0.73	1.48
GA7	4.85	0.45	9.32	25.15	0.67	2.66	50.14	0.71	1.42
GA4	4.97	0.17	3.49	25.10	0.69	2.74	49.86	0.34	0.68

Inter-day precision average of 4 consecutive days 3 repetitions per day.

Z	3.93	0.19	4.98	25.60	0.43	1.68	51.16	0.40	0.78
ZR	4.02	0.16	3.85	25.52	0.26	1.02	51.38	0.46	0.89
DPA	5.19	0.29	5.74	25.13	0.44	1.77	49.76	0.70	1.41
IAAsp	4.66	0.29	6.17	25.20	0.40	1.58	50.71	0.95	1.87
GA3	4.48	0.11	2.51	25.09	0.73	2.91	50.67	1.01	1.99
GA1	4.22	0.26	6.45	25.26	0.71	2.80	50.88	1.15	2.26
ABAGE	5.17	0.28	5.52	25.06	0.70	2.76	50.01	0.74	1.49
PA	4.48	0.26	5.83	25.40	0.60	2.36	50.79	0.44	0.88
7OHABA	5.15	0.18	3.48	24.97	0.57	2.24	50.03	1.02	2.05
ABA	5.05	0.13	2.68	24.70	0.41	1.64	50.03	0.71	1.43
GA7	4.75	0.41	8.54	24.97	0.60	2.40	50.34	0.77	1.53
GA4	4.88	0.15	3.06	25.10	0.64	2.56	50.41	0.45	0.89

StDev Standard Deviation, RSD Relative Standard Deviation.