

**Table S1.** Phenolic compounds identified in yarrow samples by using HPLC-ESI-QTOF-MS.

Phenolic compounds	Rt (min)	Theoretical mass (m/z)	Accurate mass (m/z)	MS/MS ions (m/z)
<i>Phenolic acids</i>				
<i>Hydroxycinnamic acids</i>				
Caffeic acid <sup>1</sup>	18.0	179.0350	179.0353	135 (100)
Caftaric acid <sup>1</sup>	13.8	311.0409	311.0410	179 (14), 149 (100)
Chlorogenic acid <sup>1</sup>	15.0	353.0878	353.0877	191(100)
Cryptochlorogenic acid <sup>1</sup>	15.3	353.0878	353.0877	179(67), 173(100)
1,5- DCQA <sup>1</sup>	26.7	515.1195	515.1190	353 (100), 191 (40)
3,4- DCQA <sup>1</sup>	25.6	515.1195	515.1189	353 (100), 335 (30), 179 (69), 173 (80)
3,5- DCQA <sup>1</sup>	27.0	515.1195	515.1190	353 (100), 191 (55), 179 (35), 135 (21)
4,5- DCQA <sup>1</sup>	28.4	515.1195	515.1190	353 (100), 191 (10), 179 (30), 173 (40)
Ferulic acid <sup>1</sup>	25.0	193.0510	193.0504	178 (50), 134 (100)
Neochlorogenic acid <sup>1</sup>	13.0	353.0878	353.0877	191 (100), 179 (76), 135 (40)
Rosmarinic acid <sup>1</sup>	28.9	359.0772	359.0771	197 (80), 179 (50), 161 (100), 135 (30)
<i>Flavonoids</i>				
<i>Flavones</i>				
Amentoflavone <sup>1</sup>	39.5	537.0900	537.0821	375 (100), 443 (10), 417 (20)
Apigenin <sup>1</sup>	37.2	269.0455	269.0454	269 (90), 151 (18), 117 (20), 113 (35)
Apigenin-C-hexoside-C-pentoside	19.5	563.1406	563.1401	473 (40), 443 (30)
Apigenin-7-O-glucoside <sup>1</sup>	27.8	431.0984	431.0980	269 (100)
Diosmetin <sup>1</sup>	37.8	299.0561	299.0554	284 (55), 256 (12)
Homoorientin <sup>1</sup>	18.9	447.0933	447.0930	429 (30), 357 (100), 327 (80)
6-Hydroxyluteolin- 7-O-glucoside	20.0	463.0882	463.0880	301 (100)
Luteolin <sup>1</sup>	33.8	285.0405	285.0400	175 (80), 151 (100), 107 (51)
Luteolin-6,8-di-C-glucoside	19.7	609.1461	609.1453	489 (100), 325 (40)
Luteolin-7- $\beta$ -glucuronide <sup>1</sup>	24.1	461.0725	461.0722	285 (100)
Luteolin-7-O-glucoside <sup>1</sup>	23.8	447.0933	447.0928	285 (100)
Schaftoside <sup>1</sup>	18.4	563.1406	563.1401	473 (20), 443 (30)
Schaftoside isomer	18.2	563.1406	563.1401	473 (40), 443 (20)
Vicenin <sup>2</sup> <sup>1</sup>	16.0	593.1512	593.1513	473 (100)
Vitexin <sup>1</sup>	22.4	431.0984	431.0981	311 (100)
<i>Flavonols</i>				
Casticin <sup>1</sup>	45.7	373.0929	373.0923	358 (43), 343 (90)
Centaureidin	40.1	359.0772	359.0770	344 (59), 229 (100)
Methoxyquercetin isomer	35.4	315.0510	315.0508	301 (100)
Quercetin <sup>1</sup>	34.1	301.0354	301.0352	151 (60)
Rutin <sup>1</sup>	22.1	609.1097	609.1093	301 (100)

Rt, retention time. <sup>1</sup> Comparison against its authentic standard.