



Data File W:\TASIC267 2019-10-02 08-45-25\SIG10001050.D

Sample Name: **Melissa officinalis**

Instrument 1 02.10.2019 9:21:42

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Acq. Operator   : Slavoljub Tasic                      Seq. Line :    2
Acq. Instrument : Instrument 1                          Location  : Vial 102
Injection Date  : 02.10.2019 8:49:12                   Inj       :    1
                                                    Inj Volume: 2 µl
Acq. Method     : C:\CHEM32\1\DATA\TASIC267 2019-10-02 08-45-25\TASIC4.M
Last changed    : 29.03.2018 12:48:39 by Slavoljub Tasic
Analysis Method : C:\CHEM32\1\METHODS\DEF_GC.M
Last changed    : 02.10.2019 9:21:06
                  (modified after loading)
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Sample Info : **SANICULA**

Area Percent Report

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Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %	
1	8.482	BB	0.0458	67.45428	23.25195	0.53139	octenole
2	8.655	BB	0.0468	260.03738	85.32069	2.04851	3-octanone
3	9.186	BB	0.0593	15.56336	4.04342	0.12260	
4	9.878	BB	0.0927	35.00321	5.10961	0.27575	
5	10.416	BB	0.0474	60.89452	19.62713	0.47971	trans-β-ocimene
6	10.610	BB	0.0474	9.54142	3.07500	0.07516	
7	12.080	BB	0.0473	34.42352	11.12900	0.27118	linalool
8	12.236	BB	0.0434	9.57166	3.65195	0.07540	
9	12.397	BB	0.0462	15.23656	5.07767	0.12003	
10	13.009	BB	0.0935	22.24239	3.12406	0.17522	
11	13.341	BV	0.0528	53.82541	16.00945	0.42402	
12	13.479	VV	0.0527	84.38766	25.18339	0.66479	trans chrysanthenal
13	13.587	VV	0.0527	24.66424	7.35821	0.19430	
14	13.793	VB	0.0630	1622.86072	383.26389	12.78450	citronellal
15	13.955	BV	0.0592	17.30127	4.50385	0.13630	
16	14.112	VB	0.0525	145.51508	43.65607	1.14633	borneol
17	14.538	BV	0.0562	20.54123	5.73844	0.16182	

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18	14.692	VB	0.0531	240.35449	70.99886	1.89345	verbenol ?
19	15.576	BB	0.0595	14.20542	3.67087	0.11191	
20	16.260	BB	0.0624	294.58936	72.78130	2.32070	citronellol
21	16.720	BB	0.0764	2686.53833	480.56201	21.16389	neral (citral)
22	17.093	BV	0.0611	142.35228	36.14690	1.12142	geraniol
23	17.169	VB	0.0514	143.79846	42.52793	1.13281	methyl citronellate
24	17.694	BB	0.0825	3637.99805	575.81097	28.65925	geranial
25	19.041	BV	0.0543	9.86055	2.77198	0.07768	
26	19.191	VB	0.0595	114.29347	28.54060	0.90038	methyl geranate
27	19.737	BB	0.0676	13.64783	3.13298	0.10751	
28	20.429	BB	0.0757	38.03314	8.19660	0.29962	neryl acetate
29	20.853	BV	0.0546	65.07810	18.52984	0.51267	$\alpha$ -copaene
30	21.025	VV	0.0518	270.61450	81.01560	2.13183	$\beta$ -burbonene
31	21.145	VV	0.0587	53.45515	14.09330	0.42111	$\beta$ -cubebene
32	21.341	VB	0.0894	55.25703	8.41670	0.43530	$\beta$ -elemene
33	22.054	BV	0.0482	66.33189	21.83158	0.52255	
34	22.255	VB	0.0632	1370.99109	344.57266	10.80033	$\beta$ -caryophyllene
35	22.485	BB	0.0558	16.48775	4.64260	0.12989	Mt-204, C <sub>15</sub> H <sub>24</sub>
36	22.688	BB	0.0492	108.88510	34.91680	0.85777	
37	23.225	BB	0.0569	100.60319	27.09745	0.79253	$\alpha$ -humulene
38	23.436	BB	0.0604	37.59696	9.87275	0.29618	aromadendrene-allo
39	24.033	BB	0.0570	165.62830	44.49395	1.30478	germacrene D
40	24.309	BB	0.0495	12.18802	3.87278	0.09601	Mt-204, C <sub>15</sub> H <sub>24</sub>
41	24.555	BV	0.0550	15.04084	4.40388	0.11849	
42	24.701	VB	0.0547	14.01134	3.90037	0.11038	
43	24.972	BB	0.0560	13.76911	3.79290	0.10847	$\gamma$ -cadinene
44	25.212	BB	0.0552	60.16712	17.22476	0.47398	$\delta$ -cadinene
45	26.766	BV	0.0568	10.26391	2.87880	0.08086	$\gamma$ -gurjunene ?
46	26.983	VB	0.0655	362.51184	81.51618	2.85578	caryophyllene oxyde
47	27.697	BB	0.0688	22.97875	5.00181	0.18102	
48	28.572	BB	0.0774	14.65341	3.06633	0.11544	
49	28.923	BB	0.0567	22.72640	6.14899	0.17903	$\tau$ -murolol
Totals :				1.26940e4	2715.55479		

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 \*\*\* End of Report \*\*\*