Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMULM052119WMA.M
Title : VOC Analysis
Last Update : Wed May 22 01:50:21 2019
Response Via : Initial Calibration

Calibration Files
5 =VU032185.D 10 =VU032186.D 50 =VU032187.D
100 =VU032188.D 200 =VU032189.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.472	0.426	0.392	0.378	0.368	0.407	10.42
3)	T	Chloromethane	0.422	0.361	0.349	0.329	0.316	0.356	11.62
4)	S	Vinyl Chloride-d3	0.363	0.320	0.325	0.318	0.305	0.326	6.69
5)	T	Vinyl chloride	0.467	0.404	0.391	0.376	0.360	0.400	10.26
6)	T	Bromomethane	0.342	0.295	0.261	0.242	0.216	0.271	17.97
7)	S	Chloroethane-d5	0.317	0.292	0.279	0.269	0.264	0.284	7.55
8)	T	Chloroethane	0.281	0.253	0.231	0.225	0.213	0.241	11.19
9)	T	Trichlorofluorometh	0.656	0.594	0.536	0.521	0.503	0.562	11.15
10)	T	1,1,2-Trichloro-1,2	0.401	0.342	0.330	0.311	0.301	0.337	11.67
11)	S	1,1-Dichloroethene-	0.704	0.626	0.608	0.593	0.574	0.621	8.12
12)	T	1,1-Dichloroethene	0.377	0.349	0.327	0.317	0.305	0.335	8.54
13)	T	Acetone	0.255	0.219	0.201	0.184	0.165	0.205	16.71
14)	T	Carbon disulfide	1.166	0.988	0.942	0.912	0.891	0.980	11.27
15)	T	Methyl Acetate	0.325	0.294	0.288	0.286	0.270	0.292	6.93
16)	T	Methylene chloride	0.448	0.407	0.370	0.356	0.342	0.385	11.18
17)	T	trans-1,2-Dichloroe	0.388	0.347	0.343	0.334	0.321	0.347	7.21
18)	T	Methyl tert-butyl E	1.064	0.972	0.988	0.983	0.963	0.994	4.04
19)	T	1,1-Dichloroethane	0.668	0.599	0.571	0.555	0.533	0.585	8.86
20)	T	cis-1,2-Dichloroeth	0.422	0.387	0.378	0.378	0.373	0.388	5.17
21)	S	2-Butanone-d5	0.186	0.189	0.207	0.214	0.211	0.201	6.59
22)	T	2-Butanone	0.226	0.211	0.237	0.235	0.225	0.227	4.44
23)	T	Bromochloromethane	0.238	0.209	0.205	0.199	0.191	0.208	8.55
24)	S	Chloroform-d	0.710	0.642	0.632	0.621	0.608	0.643	6.18
25)	T	Chloroform	0.733	0.660	0.630	0.613	0.585	0.644	8.78
26)	S	1,2-Dichloroethane-	0.415	0.381	0.380	0.366	0.355	0.379	5.95
27)	T	1,2-Dichloroethane	0.525	0.488	0.458	0.456	0.434	0.472	7.40
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.464	0.453	0.476	0.479	0.460	0.466	2.31
30)	T	1,1,1-Trichloroetha	0.600	0.551	0.517	0.515	0.486	0.534	8.17
31)	T	Carbon tetrachlorid	0.533	0.476	0.463	0.453	0.430	0.471	8.18
32)	S	Benzene-d6	1.369	1.295	1.305	1.294	1.236	1.300	3.65
33)	T	Benzene	1.534	1.412	1.377	1.367	1.292	1.396	6.33
34)	T	Trichloroethene	0.430	0.366	0.360	0.364	0.346	0.373	8.77
35)	T	Methylcyclohexane	0.576	0.550	0.560	0.580	0.552	0.564	2.43
36)	S	1,2-Dichloropropane	0.398	0.369	0.373	0.376	0.359	0.375	3.82
37)	T	1,2-Dichloropropane	0.387	0.342	0.332	0.331	0.311	0.341	8.32
38)	T	Bromodichloromethan	0.519	0.463	0.463	0.461	0.446	0.470	6.03
39)	T	cis-1,3-Dichloropro	0.524	0.501	0.538	0.559	0.552	0.535	4.32
40)	T	4-Methyl-2-pentanon	0.374	0.363	0.395	0.412	0.404	0.390	5.25
41)	S	Toluene-d8	1.257	1.193	1.242	1.250	1.217	1.232	2.14
42)	T	Toluene	1.594	1.474	1.559	1.575	1.508	1.542	3.24
43)	S	trans-1,3-Dichlorop	0.186	0.173	0.185	0.191	0.192	0.185	4.16
44)	T	trans-1,3-Dichlorop	0.486	0.433	0.473	0.491	0.493	0.476	5.21
45)	T	1,1,2-Trichloroetha	0.416	0.357	0.362	0.361	0.351	0.369	7.13
46)	T	Tetrachloroethene	0.337	0.304	0.304	0.306	0.291	0.308	5.61
47)	S	2-Hexanone-d5	0.134	0.150	0.183	0.194	0.190	0.170	15.67
48)	T	2-Hexanone	0.342	0.311	0.331	0.350	0.334	0.334	4.36
49)	T	Dibromochloromethan	0.411	0.383	0.394	0.398	0.395	0.396	2.52
50)	T	1,2-Dibromoethane	0.413	0.369	0.388	0.396	0.382	0.390	4.15
51)	T	Chlorobenzene	1.171	1.019	1.001	1.009	0.995	1.039	7.16
52)	T	Ethylbenzene	1.674	1.575	1.665	1.716	1.682	1.662	3.15

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.667	0.599	0.665	0.676	0.668	0.655	4.80
54)	T	o-xylene	0.624	0.582	0.668	0.684	0.673	0.646	6.59
55)	T	Styrene	1.020	0.984	1.145	1.186	1.180	1.103	8.57
56)	T	Isopropylbenzene	1.644	1.515	1.672	1.736	1.732	1.660	5.42
57)	S	1,1,2,2-Tetrachloro	0.604	0.607	0.590	0.620	0.614	0.607	1.91
58)	T	1,1,2,2-Tetrachloro	0.660	0.609	0.598	0.618	0.608	0.619	3.89
59)		1,2,3-Trichloroprop	0.486	0.470	0.458	0.477	0.467	0.471	2.21
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.688	0.636	0.625	0.614	0.617	0.636	4.73
62)	T	1,3-Dichlorobenzene	1.857	1.577	1.590	1.565	1.567	1.631	7.76
63)	T	1,4-Dichlorobenzene	2.032	1.705	1.626	1.614	1.596	1.715	10.63
64)	S	1,2-Dichlorobenzene	1.156	1.064	1.019	1.002	0.987	1.046	6.52
65)	T	1,2-Dichlorobenzene	1.979	1.689	1.679	1.612	1.572	1.706	9.38
66)	T	1,2-Dibromo-3-chlor	0.289	0.260	0.258	0.260	0.252	0.264	5.40
67)		1,3,5-Trichlorobenz	1.365	1.227	1.231	1.208	1.207	1.248	5.32
68)	T	1,2,4-trichlorobenz	0.989	0.777	0.989	1.047	1.061	0.973	11.76
69)		Naphthalene	2.659	2.139	3.174	3.425	3.360	2.951	18.45
70)	T	1,2,3-Trichlorobenz	1.229	0.931	1.112	1.115	1.077	1.093	9.81

(#) = Out of Range