Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMULM073119WMA.M
Title : VOC Analysis
Last Update : Wed Jul 31 08:02:52 2019
Response Via : Initial Calibration

Calibration Files
5 =VU033498.D 10 =VU033493.D 50 =VU033494.D
100 =VU033495.D 200 =VU033496.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.477	0.472	0.476	0.468	0.465	0.472	1.07
3)	T	Chloromethane	0.473	0.493	0.487	0.473	0.449	0.475	3.63
4)	S	Vinyl Chloride-d3	0.384	0.380	0.354	0.355	0.345	0.364	4.76
5)	T	Vinyl chloride	0.498	0.527	0.512	0.511	0.497	0.509	2.37
6)	T	Bromomethane	0.347	0.321	0.438	0.560	0.580	0.449	26.39
7)	S	Chloroethane-d5	0.327	0.318	0.315	0.312	0.287	0.312	4.76
8)	T	Chloroethane	0.311	0.304	0.326	0.308	0.298	0.309	3.44
9)	T	Trichlorofluorometh	0.670	0.667	0.680	0.666	0.647	0.666	1.75
10)	T	1,1,2-Trichloro-1,2	0.349	0.345	0.336	0.328	0.330	0.338	2.81
11)	S	1,1-Dichloroethene-	0.673	0.702	0.630	0.647	0.647	0.660	4.31
12)	T	1,1-Dichloroethene	0.309	0.338	0.324	0.323	0.324	0.324	3.14
13)	T	Acetone	0.249	0.271	0.260	0.238	0.214	0.246	8.97
14)	T	Carbon disulfide	1.084	1.011	1.003	0.994	0.986	1.016	3.90
15)	T	Methyl Acetate	0.387	0.389	0.402	0.396	0.387	0.392	1.71
16)	T	Methylene chloride	0.375	0.373	0.374	0.368	0.359	0.370	1.75
17)	T	trans-1,2-Dichloroe	0.345	0.330	0.341	0.341	0.339	0.339	1.63
18)	T	Methyl tert-butyl E	0.979	0.968	1.069	1.070	1.086	1.034	5.44
19)	T	1,1-Dichloroethane	0.618	0.645	0.650	0.639	0.632	0.637	1.91
20)	T	cis-1,2-Dichloroeth	0.383	0.364	0.383	0.387	0.386	0.381	2.46
21)	S	2-Butanone-d5	0.244	0.229	0.242	0.247	0.242	0.241	2.80
22)	T	2-Butanone	0.263	0.274	0.322	0.310	0.301	0.294	8.48
23)	T	Bromochloromethane	0.195	0.203	0.205	0.197	0.194	0.199	2.30
24)	S	Chloroform-d	0.630	0.619	0.591	0.611	0.596	0.609	2.65
25)	T	Chloroform	0.669	0.678	0.693	0.661	0.650	0.670	2.48
26)	S	1,2-Dichloroethane-	0.412	0.399	0.377	0.374	0.368	0.386	4.83
27)	T	1,2-Dichloroethane	0.487	0.532	0.531	0.519	0.510	0.516	3.62
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.528	0.478	0.556	0.574	0.590	0.545	8.10
30)	T	1,1,1-Trichloroetha	0.575	0.569	0.578	0.575	0.580	0.575	0.72
31)	T	Carbon tetrachlorid	0.477	0.491	0.507	0.510	0.520	0.501	3.39
32)	S	Benzene-d6	1.288	1.227	1.210	1.240	1.233	1.239	2.36
33)	T	Benzene	1.426	1.384	1.479	1.462	1.461	1.442	2.63
34)	T	Trichloroethene	0.401	0.366	0.374	0.378	0.384	0.380	3.44
35)	T	Methylcyclohexane	0.552	0.541	0.605	0.627	0.644	0.594	7.66
36)	S	1,2-Dichloropropane	0.407	0.382	0.378	0.387	0.389	0.389	2.86
37)	T	1,2-Dichloropropane	0.390	0.374	0.390	0.387	0.390	0.386	1.78
38)	T	Bromodichloromethan	0.484	0.490	0.505	0.508	0.509	0.499	2.26
39)	T	cis-1,3-Dichloropro	0.567	0.551	0.613	0.637	0.644	0.603	6.94
40)	T	4-Methyl-2-pentanon	0.511	0.475	0.552	0.561	0.567	0.533	7.36
41)	S	Toluene-d8	1.181	1.116	1.144	1.188	1.179	1.161	2.64
42)	T	Toluene	1.470	1.455	1.605	1.613	1.611	1.551	5.21
43)	S	trans-1,3-Dichlorop	0.193	0.187	0.185	0.201	0.198	0.193	3.56
44)	T	trans-1,3-Dichlorop	0.505	0.508	0.558	0.572	0.580	0.545	6.51
45)	T	1,1,2-Trichloroetha	0.362	0.357	0.371	0.375	0.367	0.367	1.99
46)	T	Tetrachloroethene	0.324	0.283	0.313	0.314	0.319	0.311	5.08
47)	S	2-Hexanone-d5	0.169	0.154	0.187	0.202	0.210	0.184	12.51
48)	T	2-Hexanone	0.402	0.386	0.455	0.450	0.462	0.431	8.00
49)	T	Dibromochloromethan	0.391	0.400	0.425	0.433	0.435	0.417	4.81
50)	T	1,2-Dibromoethane	0.401	0.389	0.414	0.414	0.412	0.406	2.65
51)	T	Chlorobenzene	1.031	0.970	1.024	1.025	1.027	1.015	2.49
52)	T	Ethylbenzene	1.537	1.532	1.725	1.771	1.785	1.670	7.53

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.600	0.584	0.656	0.688	0.678	0.641	7.31
54)	T	o-xylene	0.545	0.566	0.658	0.667	0.674	0.622	9.91
55)	T	Styrene	0.900	0.925	1.128	1.155	1.173	1.056	12.56
56)	T	Isopropylbenzene	1.470	1.450	1.693	1.741	1.771	1.625	9.44
57)	S	1,1,2,2-Tetrachloro	0.657	0.584	0.568	0.583	0.604	0.599	5.80
58)	T	1,1,2,2-Tetrachloro	0.652	0.642	0.668	0.659	0.684	0.661	2.42
59)		1,2,3-Trichloroprop	0.503	0.500	0.519	0.510	0.516	0.510	1.60
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.597	0.575	0.612	0.624	0.612	0.604	3.13
62)	T	1,3-Dichlorobenzene	1.636	1.437	1.535	1.554	1.516	1.536	4.67
63)	T	1,4-Dichlorobenzene	1.731	1.564	1.568	1.573	1.541	1.595	4.80
64)	S	1,2-Dichlorobenzene	1.074	0.898	0.848	0.884	0.874	0.916	9.87
65)	T	1,2-Dichlorobenzene	1.599	1.496	1.558	1.561	1.549	1.553	2.38
66)	T	1,2-Dibromo-3-chlor	0.279	0.273	0.286	0.296	0.300	0.287	3.87
67)		1,3,5-Trichlorobenz	1.303	1.141	1.218	1.257	1.275	1.239	5.07
68)	T	1,2,4-trichlorobenz	0.998	0.908	1.068	1.151	1.168	1.059	10.25
69)		Naphthalene	2.571	2.452	3.182	3.454	3.526	3.037	16.40
70)	T	1,2,3-Trichlorobenz	1.070	0.999	1.129	1.182	1.186	1.113	7.12

(#) = Out of Range