Response Factor Report MSVOA_V

Method Path : W:\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM052518WMA.M
Title : VOC Analysis
Last Update : Sat May 26 01:30:39 2018
Response Via : Initial Calibration

Calibration Files
5 =VV006041.D 10 =VV006042.D 50 =VV006043.D
100 =VV006044.D 200 =VV006045.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.500	0.453	0.444	0.408	0.412	0.443	8.42
3)	T	Chloromethane	0.568	0.513	0.455	0.434	0.437	0.481	12.04
4)	S	Vinyl Chloride-d3	0.349	0.346	0.352	0.350	0.348	0.349	0.72
5)	T	Vinyl chloride	0.440	0.460	0.424	0.400	0.404	0.426	5.89
6)	T	Bromomethane	0.236	0.230	0.192	0.170	0.112	0.188	26.91
7)	S	Chloroethane-d5	0.242	0.254	0.251	0.248	0.241	0.247	2.26
8)	T	Chloroethane	0.277	0.260	0.243	0.221	0.217	0.243	10.47
9)	T	Trichlorofluorometh	0.673	0.620	0.580	0.550	0.539	0.593	9.29
10)	T	1,1,2-Trichloro-1,2	0.370	0.347	0.328	0.311	0.308	0.333	7.85
11)	S	1,1-Dichloroethene-	0.678	0.647	0.650	0.640	0.635	0.650	2.55
12)	T	1,1-Dichloroethene	0.337	0.322	0.301	0.287	0.289	0.307	7.12
13)	T	Acetone	0.263	0.219	0.196	0.178	0.173	0.206	17.77
14)	T	Carbon disulfide	1.037	0.919	0.888	0.855	0.875	0.915	7.89
15)	T	Methyl Acetate	0.496	0.466	0.413	0.396	0.389	0.432	10.84
16)	T	Methylene chloride	0.430	0.384	0.358	0.333	0.333	0.368	11.19
17)	T	trans-1,2-Dichloroe	0.371	0.346	0.321	0.304	0.306	0.330	8.73
18)	T	Methyl tert-butyl E	1.228	1.167	1.095	1.041	1.040	1.114	7.37
19)	T	1,1-Dichloroethane	0.756	0.710	0.666	0.631	0.634	0.679	7.87
20)	T	cis-1,2-Dichloroeth	0.433	0.405	0.390	0.375	0.380	0.396	5.84
21)	S	2-Butanone-d5	0.192	0.191	0.200	0.199	0.218	0.200	5.30
22)	T	2-Butanone	0.332	0.302	0.293	0.277	0.276	0.296	7.85
23)	T	Bromochloromethane	0.199	0.205	0.192	0.183	0.185	0.193	4.74
24)	S	Chloroform-d	0.648	0.655	0.669	0.661	0.657	0.658	1.14
25)	T	Chloroform	0.787	0.744	0.702	0.669	0.666	0.714	7.24
26)	S	1,2-Dichloroethane-	0.437	0.424	0.434	0.429	0.424	0.430	1.39
27)	T	1,2-Dichloroethane	0.634	0.625	0.567	0.538	0.534	0.580	8.14
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.643	0.605	0.612	0.606	0.603	0.614	2.73
30)	T	1,1,1-Trichloroetha	0.715	0.680	0.649	0.629	0.615	0.658	6.11
31)	T	Carbon tetrachlorid	0.599	0.580	0.569	0.548	0.544	0.568	3.98
32)	S	Benzene-d6	1.299	1.302	1.346	1.369	1.331	1.329	2.22
33)	T	Benzene	1.678	1.611	1.575	1.508	1.476	1.569	5.13
34)	T	Trichloroethene	0.441	0.414	0.394	0.384	0.384	0.403	6.01
35)	T	Methylcyclohexane	0.622	0.601	0.634	0.642	0.642	0.628	2.76
36)	S	1,2-Dichloropropane	0.429	0.417	0.418	0.429	0.417	0.422	1.54
37)	T	1,2-Dichloropropane	0.449	0.443	0.418	0.395	0.396	0.420	5.98
38)	T	Bromodichloromethan	0.572	0.548	0.543	0.528	0.529	0.544	3.25
39)	T	cis-1,3-Dichloropro	0.598	0.588	0.630	0.631	0.644	0.618	3.89
40)	T	4-Methyl-2-pentanon	0.542	0.554	0.570	0.558	0.558	0.557	1.79
41)	S	Toluene-d8	1.152	1.157	1.268	1.297	1.275	1.230	5.66
42)	T	Toluene	1.621	1.671	1.658	1.609	1.592	1.630	2.05
43)	S	trans-1,3-Dichlorop	0.163	0.178	0.202	0.211	0.217	0.194	11.79
44)	T	trans-1,3-Dichlorop	0.557	0.552	0.598	0.596	0.611	0.583	4.56
45)	T	1,1,2-Trichloroetha	0.427	0.421	0.394	0.380	0.375	0.399	5.87
46)	T	Tetrachloroethene	0.333	0.311	0.293	0.290	0.289	0.303	6.28
47)	S	2-Hexanone-d5	0.133	0.141	0.171	0.187	0.198	0.166	17.12
48)	T	2-Hexanone	0.408	0.413	0.435	0.429	0.443	0.425	3.45
49)	T	Dibromochloromethan	0.409	0.423	0.430	0.425	0.432	0.424	2.07
50)	T	1,2-Dibromoethane	0.438	0.421	0.407	0.396	0.396	0.412	4.36
51)	T	Chlorobenzene	1.166	1.136	1.070	1.030	1.045	1.089	5.41
52)	T	Ethylbenzene	1.780	1.710	1.839	1.822	1.830	1.796	2.97

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.634	0.623	0.686	0.682	0.689	0.663	4.77
54)	T	o-xylene	0.603	0.630	0.690	0.670	0.685	0.656	5.74
55)	T	Styrene	1.006	1.044	1.186	1.174	1.199	1.122	8.00
56)	T	Isopropylbenzene	1.639	1.636	1.829	1.814	1.838	1.751	5.95
57)	S	1,1,2,2-Tetrachloro	0.550	0.567	0.587	0.600	0.598	0.580	3.75
58)	T	1,1,2,2-Tetrachloro	0.677	0.674	0.654	0.632	0.639	0.655	3.09
59)		1,2,3-Trichloroprop	0.559	0.561	0.534	0.513	0.510	0.536	4.52
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.620	0.633	0.602	0.581	0.587	0.604	3.63
62)	T	1,3-Dichlorobenzene	1.804	1.719	1.638	1.584	1.600	1.669	5.51
63)	T	1,4-Dichlorobenzene	1.994	1.782	1.707	1.629	1.633	1.749	8.62
64)	S	1,2-Dichlorobenzene	1.010	0.991	1.002	0.991	0.978	0.994	1.22
65)	T	1,2-Dichlorobenzene	1.949	1.918	1.783	1.673	1.643	1.793	7.73
66)	T	1,2-Dibromo-3-chlor	0.317	0.313	0.296	0.285	0.285	0.299	5.12
67)		1,3,5-Trichlorobenz	1.273	1.166	1.176	1.158	1.186	1.192	3.90
68)	T	1,2,4-trichlorobenz	0.918	0.916	0.985	1.012	1.060	0.978	6.33
69)		Naphthalene	2.471	2.584	3.326	3.461	3.509	3.070	16.34
70)	T	1,2,3-Trichlorobenz	1.055	1.056	1.087	1.084	1.093	1.075	1.66

(#) = Out of Range