Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N112425W.M
Title : SW846 8260
Last Update : Tue Nov 25 01:34:52 2025
Response Via : Initial Calibration

Calibration Files
1 =VN088344.D 5 =VN088345.D 20 =VN088346.D 50 =VN088347.D 100 =VN088348.D 150 =VN088349.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.719	0.676	0.796	0.741	0.838	0.736	0.751	7.67
3)	P	Chloromethane	0.911	0.800	0.805	0.801	0.759	0.764	0.807	6.79
4)	C	Vinyl Chloride	0.804	0.844	0.856	0.812	0.837	0.772	0.821	3.78#
5)	T	Bromomethane		0.407	0.392	0.396	0.387	0.392	0.395	1.85
6)	T	Chloroethane	0.555	0.503	0.496	0.505	0.502	0.485	0.508	4.82
7)	T	Trichlorofluor...	1.234	1.170	1.168	1.092	1.201	1.055	1.153	5.84
8)	T	Diethyl Ether	0.495	0.451	0.395	0.444	0.401	0.411	0.433	8.73
9)	T	1,1,2-Trichlor...	0.660	0.635	0.639	0.564	0.633	0.553	0.614	7.17
10)	T	Methyl Iodide		0.498	0.584	0.662	0.660	0.636	0.608	11.40
11)	T	Tert butyl alc...		0.151	0.149	0.161	0.142	0.148	0.150	4.64
12)	CM	1,1-Dichloroet...	0.722	0.620	0.601	0.568	0.595	0.554	0.610	9.83#
13)	T	Acrolein		0.146	0.132	0.151	0.143	0.147	0.144	5.00
14)	T	Allyl chloride	1.107	1.143	1.117	1.149	1.132	1.135	1.131	1.38
15)	T	Acrylonitrile	0.435	0.435	0.432	0.466	0.416	0.418	0.434	4.14
16)	T	Acetone	0.412	0.355	0.322	0.335	0.305	0.314	0.341	11.49
17)	T	Carbon Disulfide	2.061	2.043	2.043	1.983	1.996	1.833	1.993	4.22
18)	T	Methyl Acetate	1.072	1.048	0.957	1.049	0.972	0.985	1.014	4.74
19)	T	Methyl tert-bu...	2.126	2.239	2.245	2.504	2.265	2.333	2.285	5.53
20)	T	Methylene Chlo...	0.797	0.752	0.704	0.756	0.686	0.678	0.729	6.44
21)	T	trans-1,2-Dich...	0.752	0.668	0.676	0.686	0.647	0.626	0.676	6.39
22)	T	Diisopropyl ether	2.267	2.415	2.439	2.580	2.359	2.424	2.414	4.26
23)	T	Vinyl Acetate	1.711	1.879	1.997	2.137	1.943	2.002	1.945	7.35
24)	P	1,1-Dichloroet...	1.389	1.431	1.348	1.427	1.321	1.286	1.367	4.27
25)	T	2-Butanone	0.509	0.538	0.548	0.596	0.540	0.556	0.548	5.17
26)	T	2,2-Dichloropr...	1.245	1.133	1.185	1.204	1.176	1.137	1.180	3.56
27)	T	cis-1,2-Dichlo...	0.797	0.801	0.794	0.829	0.747	0.744	0.785	4.22
28)	T	Bromochloromet...	0.724	0.722	0.684	0.735	0.624	0.597	0.681	8.47
29)	T	Tetrahydrofuran	0.354	0.397	0.394	0.429	0.384	0.398	0.393	6.18
30)	C	Chloroform	1.377	1.362	1.351	1.392	1.291	1.285	1.343	3.33#
31)	T	Cyclohexane		1.450	1.264	1.133	1.237	1.109	1.239	10.92
32)	T	1,1,1-Trichlor...	1.247	1.219	1.192	1.158	1.166	1.104	1.181	4.27
33)	S	1,2-Dichloroet...		0.954	0.916	0.999	0.882	0.960	0.942	4.74
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.361	0.350	0.350	0.334	0.337	0.346	3.17
36)	T	1,1-Dichloropr...	0.607	0.542	0.531	0.491	0.547	0.490	0.535	8.09
37)	T	Ethyl Acetate	0.735	0.678	0.724	0.720	0.681	0.681	0.703	3.69
38)	T	Carbon Tetrach...	0.565	0.504	0.548	0.499	0.570	0.509	0.532	6.04
39)	T	Methylcyclohexane	0.534	0.542	0.606	0.527	0.662	0.561	0.572	9.14
40)	TM	Benzene	1.658	1.555	1.609	1.559	1.559	1.477	1.570	3.86
41)	T	Methacrylonitrile	0.360	0.323	0.351	0.357	0.349	0.350	0.348	3.74
42)	TM	1,2-Dichloroet...	0.583	0.614	0.596	0.615	0.597	0.587	0.599	2.27
43)	T	Isopropyl Acetate	1.098	1.019	1.063	1.116	1.076	1.074	1.074	3.11
44)	TM	Trichloroethene	0.382	0.385	0.383	0.357	0.371	0.348	0.371	4.13
45)	C	1,2-Dichloropr...	0.426	0.402	0.402	0.406	0.396	0.381	0.402	3.62#
46)	T	Dibromomethane	0.288	0.292	0.289	0.293	0.283	0.277	0.287	2.08
47)	T	Bromodichlorom...	0.602	0.586	0.586	0.589	0.583	0.566	0.586	1.96
48)	T	Methyl methacr...	0.480	0.433	0.491	0.513	0.511	0.513	0.490	6.35
49)	T	1,4-Dioxane	0.005	0.006	0.007	0.007	0.006	0.006	0.006	8.55
50)	S	Toluene-d8		1.249	1.292	1.285	1.308	1.313	1.289	1.96
51)	T	4-Methyl-2-Pen...	0.540	0.616	0.661	0.673	0.658	0.651	0.633	7.79
52)	CM	Toluene	0.829	0.885	0.940	0.913	0.960	0.911	0.906	5.05#
53)	T	t-1,3-Dichloro...	0.567	0.553	0.598	0.631	0.631	0.625	0.601	5.72
54)	T	cis-1,3-Dichlo...	0.590	0.618	0.628	0.662	0.654	0.640	0.632	4.16
55)	T	1,1,2-Trichlor...	0.350	0.359	0.364	0.353	0.341	0.336	0.351	2.98
56)	T	Ethyl methacry...	0.417	0.482	0.558	0.616	0.624	0.626	0.554	15.71

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57)	T	1,3-Dichloropr...	0.607	0.638	0.647	0.644	0.638	0.622	0.633	2.42
58)	T	2-Chloroethyl ...	0.258	0.323	0.333	0.364	0.337	0.301	0.319	11.41
59)	T	2-Hexanone	0.359	0.301	0.406	0.436	0.442	0.450	0.399	14.66
60)	T	Dibromochlorom...	0.384	0.386	0.406	0.409	0.410	0.404	0.400	2.87
61)	T	1,2-Dibromoethane	0.304	0.367	0.364	0.369	0.367	0.359	0.355	7.16
62)	S	4-Bromofluorob...		0.402	0.413	0.448	0.466	0.482	0.442	7.67
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.426	0.388	0.413	0.377	0.407	0.367	0.396	5.73
65)	PM	Chlorobenzene	1.114	1.142	1.161	1.106	1.145	1.070	1.123	2.96
66)	T	1,1,1,2-Tetrac...	0.378	0.372	0.394	0.383	0.386	0.361	0.379	3.04
67)	C	Ethyl Benzene	1.881	1.860	2.014	1.938	2.133	1.952	1.963	5.06#
68)	T	m/p-Xylenes	0.658	0.690	0.769	0.733	0.788	0.728	0.728	6.64
69)	T	o-Xylene	0.670	0.619	0.722	0.696	0.749	0.708	0.694	6.51
70)	T	Styrene	0.884	1.025	1.163	1.193	1.284	1.210	1.127	12.94
71)	P	Bromoform	0.224	0.273	0.285	0.285	0.302	0.295	0.277	10.12
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.339	3.528	3.944	3.624	4.040	3.706	3.697	7.07
74)	T	N-amyl acetate			1.173	1.045	1.338	1.480	1.259	15.09
75)	P	1,1,2,2-Tetrac...	1.377	1.218	1.231	1.127	1.135	1.082	1.195	8.87
76)	T	1,2,3-Trichlor...	1.036	1.199	1.268	1.202	1.177	1.145	1.171	6.63
77)	T	Bromobenzene	0.781	0.885	0.866	0.863	0.865	0.816	0.846	4.66
78)	T	n-propylbenzene	4.076	4.270	4.925	4.439	4.931	4.496	4.523	7.66
79)	T	2-Chlorotoluene	2.707	2.799	2.851	2.699	2.835	2.681	2.762	2.72
80)	T	1,3,5-Trimethy...	2.650	2.988	3.315	3.051	3.307	3.069	3.063	7.99
81)	T	trans-1,4-Dich...		0.355	0.364	0.430	0.452	0.462	0.413	12.09
82)	T	4-Chlorotoluene	2.093	2.830	2.935	2.854	2.944	2.803	2.743	11.80
83)	T	tert-Butylbenzene	2.509	2.468	2.773	2.509	2.816	2.549	2.604	5.78
84)	T	1,2,4-Trimethy...	2.572	2.827	3.310	3.112	3.344	3.105	3.045	9.74
85)	T	sec-Butylbenzene	3.457	3.614	3.971	3.609	4.122	3.674	3.741	6.73
86)	T	p-Isopropyltol...	2.714	2.808	3.330	3.047	3.435	3.073	3.068	9.18
87)	T	1,3-Dichlorobe...	1.730	1.573	1.720	1.606	1.676	1.574	1.647	4.34
88)	T	1,4-Dichlorobe...	1.747	1.825	1.786	1.681	1.702	1.608	1.725	4.52
89)	T	n-Butylbenzene	2.827	2.664	3.155	2.873	3.373	2.979	2.979	8.49
90)	T	Hexachloroethane	0.549	0.550	0.571	0.535	0.604	0.553	0.560	4.36
91)	T	1,2-Dichlorobe...	1.518	1.574	1.583	1.521	1.595	1.505	1.550	2.52
92)	T	1,2-Dibromo-3-...	0.284	0.284	0.284	0.288	0.300	0.300	0.290	2.80
93)	T	1,2,4-Trichlor...	0.998	0.864	0.901	0.889	0.955	0.917	0.921	5.26
94)	T	Hexachlorobuta...	0.362	0.316	0.349	0.297	0.354	0.307	0.331	8.32
95)	T	Naphthalene	2.946	2.864	3.163	3.292	3.483	3.395	3.190	7.74
96)	T	1,2,3-Trichlor...	0.942	0.850	0.888	0.875	0.930	0.891	0.896	3.83

(#) = Out of Range