Response Factor Report MSVOA_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : 82U092625W.M
Title : SW846 8260
Last Update : Sat Sep 27 00:59:58 2025
Response Via : Initial Calibration

Calibration Files
1 =VU063646.D 5 =VU063647.D 20 =VU063648.D 50 =VU063649.D 100 =VU063650.D 150 =VU063651.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.453	0.454	0.484	0.483	0.453	0.466	0.465	3.19
3)	P	Chloromethane	0.763	0.595	0.600	0.600	0.537	0.567	0.610	12.90
4)	C	Vinyl Chloride	0.738	0.711	0.718	0.708	0.642	0.653	0.695	5.51#
5)	T	Bromomethane		0.598	0.495	0.476	0.491	0.482	0.508	9.94
6)	T	Chloroethane	0.535	0.487	0.475	0.475	0.425	0.436	0.472	8.29
7)	T	Trichlorofluor...	1.151	1.060	1.032	1.023	0.930	0.936	1.022	8.05
8)	T	Diethyl Ether	0.461	0.429	0.394	0.391	0.359	0.368	0.401	9.60
9)	T	1,1,2-Trichlor...	0.619	0.617	0.585	0.538	0.487	0.497	0.557	10.52
10)	T	Methyl Iodide		0.503	0.684	0.784	0.727	0.755	0.691	16.13
11)	T	Tert butyl alc...		0.236	0.168	0.158	0.148	0.146	0.171	21.77
12)	CM	1,1-Dichloroet...	0.637	0.592	0.585	0.517	0.480	0.493	0.551	11.44#
13)	T	Acrolein		0.024	0.030	0.026	0.023	0.023	0.025	12.03
14)	T	Allyl chloride	0.799	0.845	0.804	0.844	0.785	0.820	0.816	3.01
15)	T	Acrylonitrile	0.378	0.380	0.401	0.411	0.386	0.396	0.392	3.30
16)	T	Acetone	0.694	0.535	0.439	0.367	0.332	0.330	0.449	31.76
17)	T	Carbon Disulfide	1.082	0.942	1.097	1.186	1.175	1.273	1.126	10.05
18)	T	Methyl Acetate	0.914	0.874	0.892	0.963	0.903	0.934	0.913	3.46
19)	T	Methyl tert-bu...	1.811	1.665	1.659	1.754	1.617	1.691	1.700	4.16
20)	T	Methylene Chlo...	1.088	0.759	0.641	0.625	0.572	0.585	0.712	27.55
21)	T	trans-1,2-Dich...	0.548	0.523	0.554	0.562	0.525	0.537	0.541	2.91
22)	T	Diisopropyl ether	1.744	1.639	1.672	1.713	1.631	1.678	1.680	2.56
23)	T	Vinyl Acetate	0.861	1.078	1.204	1.361	1.380	1.468	1.226	18.46
24)	P	1,1-Dichloroet...	1.056	1.138	1.051	1.079	0.992	1.011	1.054	4.90
25)	T	2-Butanone	0.396	0.480	0.503	0.533	0.512	0.532	0.493	10.39
26)	T	2,2-Dichloropr...	0.645	0.689	0.651	0.698	0.667	0.695	0.674	3.42
27)	T	cis-1,2-Dichlo...	0.733	0.693	0.669	0.673	0.627	0.652	0.674	5.38
28)	T	Bromochloromet...	0.353	0.366	0.509	0.536	0.480	0.496	0.457	17.00
29)	T	Tetrahydrofuran	0.322	0.325	0.346	0.361	0.338	0.339	0.338	4.16
30)	C	Chloroform	1.195	1.143	1.124	1.169	1.054	1.074	1.126	4.83#
31)	T	Cyclohexane		1.108	0.950	0.944	0.873	0.905	0.956	9.49
32)	T	1,1,1-Trichlor...	0.931	0.817	0.867	0.922	0.866	0.891	0.882	4.73
33)	S	1,2-Dichloroet...		0.801	0.574	0.569	0.483	0.486	0.583	22.24
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.293	0.276	0.276	0.250	0.259	0.271	6.20
36)	T	1,1-Dichloropr...	0.418	0.396	0.417	0.441	0.428	0.448	0.425	4.38
37)	T	Ethyl Acetate	0.668	0.556	0.464	0.599	0.545	0.572	0.567	11.83
38)	T	Carbon Tetrach...	0.409	0.356	0.377	0.405	0.417	0.440	0.401	7.43
39)	T	Methylcyclohexane	0.513	0.500	0.525	0.547	0.549	0.570	0.534	4.90
40)	TM	Benzene	1.355	1.357	1.402	1.412	1.354	1.391	1.378	1.92
41)	T	Methacrylonitrile	0.185	0.218	0.252	0.283	0.278	0.289	0.251	16.60
42)	TM	1,2-Dichloroet...	0.524	0.511	0.497	0.512	0.487	0.492	0.504	2.79
43)	T	Isopropyl Acetate	0.638	0.695	0.710	0.723	0.756	0.798	0.720	7.61
44)	TM	Trichloroethene	0.357	0.351	0.350	0.369	0.352	0.368	0.358	2.39
45)	C	1,2-Dichloropr...	0.341	0.351	0.347	0.341	0.345	0.354	0.346	1.54#
46)	T	Dibromomethane	0.268	0.265	0.268	0.273	0.265	0.273	0.269	1.26
47)	T	Bromodichlorom...	0.398	0.401	0.420	0.469	0.467	0.489	0.440	8.87
48)	T	Methyl methacr...	0.478	0.320	0.343	0.376	0.389	0.405	0.385	14.29
49)	T	1,4-Dioxane	0.008	0.009	0.010	0.011	0.012	0.011	0.010	14.06
50)	S	Toluene-d8		1.099	0.835	0.855	0.780	0.812	0.876	14.56
51)	T	4-Methyl-2-Pen...	0.507	0.535	0.560	0.597	0.599	0.613	0.569	7.34
52)	CM	Toluene	0.718	0.840	0.819	0.892	0.864	0.890	0.837	7.73#
53)	T	t-1,3-Dichloro...	0.304	0.275	0.308	0.364	0.403	0.453	0.351	19.38
54)	T	cis-1,3-Dichlo...	0.325	0.335	0.381	0.455	0.483	0.521	0.417	19.49
55)	T	1,1,2-Trichlor...	0.338	0.347	0.341	0.349	0.342	0.352	0.345	1.57
56)	T	Ethyl methacry...	0.304	0.421	0.460	0.518	0.550	0.585	0.473	21.55

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57)	T	1,3-Dichloropr...	0.571	0.577	0.571	0.590	0.583	0.598	0.582	1.87
58)	T	2-Chloroethyl ...		0.008	0.011	0.014	0.017	0.020	0.014	32.99
59)	T	2-Hexanone	0.356	0.376	0.403	0.442	0.456	0.470	0.417	10.98
60)	T	Dibromochlorom...	0.252	0.267	0.283	0.333	0.359	0.389	0.314	17.40
61)	T	1,2-Dibromoethane	0.292	0.322	0.351	0.367	0.367	0.380	0.347	9.65
62)	S	4-Bromofluorob...		0.406	0.386	0.398	0.380	0.396	0.393	2.62
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.384	0.355	0.353	0.396	0.359	0.366	0.369	4.72
65)	PM	Chlorobenzene	1.016	1.018	0.996	1.065	1.019	1.049	1.027	2.44
66)	T	1,1,1,2-Tetrac...	0.245	0.277	0.281	0.317	0.320	0.339	0.296	11.72
67)	C	Ethyl Benzene	1.726	1.627	1.652	1.799	1.738	1.806	1.725	4.27#
68)	T	m/p-Xylenes	0.579	0.585	0.610	0.700	0.682	0.705	0.644	9.14
69)	T	o-Xylene	0.532	0.589	0.595	0.672	0.661	0.691	0.623	9.83
70)	T	Styrene	0.844	0.891	0.974	1.114	1.094	1.148	1.011	12.50
71)	P	Bromoform	0.165	0.171	0.190	0.237	0.261	0.288	0.219	23.25
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.214	3.366	3.130	3.183	2.983	3.177	3.176	3.91
74)	T	N-amyl acetate	0.864	1.001	1.064	1.165	1.197	1.331	1.104	14.81
75)	P	1,1,2,2-Tetrac...	1.242	1.228	1.153	1.171	1.085	1.159	1.173	4.84
76)	T	1,2,3-Trichlor...	1.334	1.289	1.172	1.164	1.110	1.191	1.210	6.97
77)	T	Bromobenzene	0.874	0.831	0.787	0.791	0.756	0.816	0.809	5.08
78)	T	n-propylbenzene	3.868	3.786	3.631	3.806	3.579	3.837	3.751	3.14
79)	T	2-Chlorotoluene	2.704	2.509	2.286	2.342	2.172	2.313	2.388	7.92
80)	T	1,3,5-Trimethy...	2.542	2.689	2.643	2.790	2.628	2.800	2.682	3.71
81)	T	trans-1,4-Dich...		0.165	0.155	0.197	0.206	0.233	0.191	16.61
82)	T	4-Chlorotoluene	2.548	2.641	2.587	2.721	2.533	2.706	2.623	3.05
83)	T	tert-Butylbenzene	2.542	2.609	2.473	2.612	2.517	2.726	2.580	3.47
84)	T	1,2,4-Trimethy...	2.580	2.597	2.545	2.728	2.597	2.795	2.641	3.71
85)	T	sec-Butylbenzene	3.305	3.362	3.310	3.458	3.261	3.511	3.368	2.89
86)	T	p-Isopropyltol...	2.601	2.709	2.640	2.866	2.784	3.009	2.768	5.50
87)	T	1,3-Dichlorobe...	1.560	1.512	1.448	1.518	1.446	1.556	1.507	3.33
88)	T	1,4-Dichlorobe...	1.842	1.591	1.489	1.541	1.465	1.557	1.581	8.59
89)	T	n-Butylbenzene	2.048	2.521	2.375	2.573	2.532	2.753	2.467	9.67
90)	T	Hexachloroethane	0.183	0.343	0.315	0.367	0.366	0.418	0.332	24.25
91)	T	1,2-Dichlorobe...	1.531	1.466	1.433	1.490	1.406	1.508	1.472	3.19
92)	T	1,2-Dibromo-3-...	0.155	0.200	0.209	0.241	0.239	0.261	0.217	17.50
93)	T	1,2,4-Trichlor...	0.593	0.769	0.781	0.915	0.918	1.029	0.834	18.33
94)	T	Hexachlorobuta...	0.428	0.449	0.387	0.424	0.406	0.454	0.425	5.99
95)	T	Naphthalene	1.774	1.802	2.121	2.699	2.836	3.167	2.400	24.25
96)	T	1,2,3-Trichlor...	0.684	0.750	0.751	0.887	0.902	0.994	0.828	14.21

(#) = Out of Range