Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W120325S.M
Title : SW846 8260
Last Update : Thu Dec 04 04:04:32 2025
Response Via : Initial Calibration

Calibration Files
5 =VW032563.D 10 =VW032564.D 20 =VW032565.D 50 =VW032566.D 100 =VW032567.D 150 =VW032568.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.348	0.337	0.318	0.271	0.286	0.297	0.309	9.67
3)	P	Chloromethane	0.708	0.617	0.544	0.487	0.510	0.547	0.569	14.28
4)	C	Vinyl Chloride	0.788	0.749	0.691	0.633	0.634	0.647	0.690	9.49#
5)	T	Bromomethane	0.521	0.498	0.453	0.417	0.425	0.436	0.458	9.19
6)	T	Chloroethane	0.488	0.471	0.438	0.420	0.419	0.439	0.446	6.31
7)	T	Trichlorofluor...	0.519	0.561	0.537	0.514	0.531	0.548	0.535	3.33
8)	T	Diethyl Ether	0.439	0.394	0.388	0.370	0.385	0.397	0.396	5.84
9)	T	1,1,2-Trichlor...	0.652	0.608	0.557	0.531	0.515	0.531	0.566	9.43
10)	T	Methyl Iodide	0.918	0.898	0.836	0.786	0.806	0.874	0.853	6.11
11)	T	Tert butyl alc...	0.071	0.052	0.059	0.054	0.053	0.055	0.057	12.65
12)	CM	1,1-Dichloroet...	0.727	0.648	0.644	0.600	0.593	0.614	0.638	7.68#
13)	T	Acrolein	0.083	0.104	0.107	0.107	0.099	0.109	0.101	9.45
14)	T	Allyl chloride	1.171	1.170	1.157	1.124	1.166	1.216	1.167	2.55
15)	T	Acrylonitrile	0.208	0.186	0.209	0.212	0.212	0.218	0.208	5.32
16)	T	Acetone	0.253	0.199	0.215	0.239	0.242	0.247	0.233	9.02
17)	T	Carbon Disulfide	2.046	1.955	1.856	1.785	1.809	1.885	1.889	5.14
18)	T	Methyl Acetate	0.509	0.439	0.463	0.488	0.483	0.491	0.479	5.07
19)	T	Methyl tert-bu...	1.163	1.121	1.191	1.201	1.220	1.236	1.189	3.50
20)	T	Methylene Chlo...	1.119	0.913	0.790	0.723	0.715	0.728	0.832	19.17
21)	T	trans-1,2-Dich...	0.756	0.724	0.678	0.661	0.665	0.697	0.697	5.30
22)	T	Diisopropyl ether	2.203	2.310	2.376	2.334	2.355	2.402	2.330	3.00
23)	T	Vinyl Acetate	1.389	1.392	1.565	1.605	1.637	1.674	1.544	8.03
24)	P	1,1-Dichloroet...	1.435	1.402	1.329	1.289	1.312	1.349	1.353	4.12
25)	T	2-Butanone	0.299	0.257	0.296	0.307	0.309	0.323	0.298	7.52
26)	T	2,2-Dichloropr...	0.946	0.840	0.777	0.714	0.710	0.718	0.784	12.01
27)	T	cis-1,2-Dichlo...	0.844	0.802	0.798	0.780	0.805	0.839	0.811	3.06
28)	T	Bromochloromet...	0.542	0.650	0.610	0.614	0.615	0.614	0.608	5.82
29)	T	Tetrahydrofuran	0.163	0.148	0.184	0.192	0.188	0.193	0.178	10.36
30)	C	Chloroform	1.459	1.405	1.318	1.255	1.292	1.326	1.342	5.61#
31)	T	Cyclohexane	1.385	1.263	1.165	1.108	1.114	1.122	1.193	9.27
32)	T	1,1,1-Trichlor...	1.044	1.055	0.952	0.920	0.922	0.952	0.974	6.15
33)	S	1,2-Dichloroet...	0.715	0.795	0.756	0.729	0.735	0.735	0.744	3.78
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.300	0.350	0.329	0.332	0.327	0.336	0.329	5.03
36)	T	1,1-Dichloropr...	0.485	0.511	0.505	0.499	0.498	0.514	0.502	2.08
37)	T	Ethyl Acetate	0.339	0.304	0.371	0.366	0.345	0.359	0.347	7.07
38)	T	Carbon Tetrach...	0.479	0.491	0.459	0.449	0.449	0.470	0.466	3.65
39)	T	Methylcyclohexane	0.601	0.599	0.590	0.623	0.616	0.648	0.613	3.45
40)	TM	Benzene	1.659	1.627	1.596	1.560	1.546	1.608	1.599	2.63
41)	T	Methacrylonitrile	0.170	0.154	0.173	0.216	0.191	0.224	0.188	14.64
42)	TM	1,2-Dichloroet...	0.504	0.483	0.498	0.488	0.474	0.496	0.490	2.28
43)	T	Isopropyl Acetate	0.548	0.522	0.603	0.635	0.625	0.651	0.597	8.62
44)	TM	Trichloroethene	0.363	0.365	0.355	0.348	0.354	0.360	0.357	1.86
45)	C	1,2-Dichloropr...	0.403	0.395	0.403	0.391	0.389	0.404	0.397	1.70#
46)	T	Dibromomethane	0.235	0.222	0.231	0.232	0.224	0.233	0.230	2.25
47)	T	Bromodichlorom...	0.546	0.529	0.529	0.531	0.528	0.568	0.538	3.00
48)	T	Methyl methacr...	0.218	0.225	0.267	0.317	0.292	0.308	0.271	15.49
49)	T	1,4-Dioxane	0.002	0.002	0.003	0.003	0.003	0.003	0.003	16.77
50)	S	Toluene-d8	1.088	1.281	1.262	1.256	1.264	1.277	1.238	5.98
51)	T	4-Methyl-2-Pen...	0.299	0.284	0.345	0.359	0.344	0.351	0.330	9.32
52)	CM	Toluene	0.920	0.950	0.977	0.959	0.968	1.008	0.964	3.03#
53)	T	t-1,3-Dichloro...	0.462	0.469	0.508	0.526	0.552	0.582	0.517	9.06
54)	T	cis-1,3-Dichlo...	0.562	0.574	0.609	0.611	0.627	0.654	0.606	5.57
55)	T	1,1,2-Trichlor...	0.319	0.299	0.309	0.305	0.300	0.313	0.308	2.55
56)	T	Ethyl methacry...	0.344	0.346	0.421	0.469	0.474	0.499	0.425	15.81

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57)	T	1,3-Dichloropr...	0.538	0.528	0.567	0.558	0.545	0.558	0.549	2.64
58)	T	2-Chloroethyl ...	0.180	0.198	0.237	0.246	0.218	0.259	0.223	13.41
59)	T	2-Hexanone	0.200	0.194	0.242	0.263	0.252	0.260	0.235	13.00
60)	T	Dibromochlorom...	0.339	0.333	0.338	0.339	0.361	0.359	0.345	3.52
61)	T	1,2-Dibromoethane	0.290	0.283	0.299	0.295	0.288	0.301	0.293	2.39
62)	S	4-Bromofluorob...	0.418	0.486	0.458	0.470	0.455	0.458	0.457	4.94
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.366	0.326	0.340	0.322	0.312	0.334	0.333	5.63
65)	PM	Chlorobenzene	1.180	1.193	1.189	1.176	1.154	1.197	1.181	1.30
66)	T	1,1,1,2-Tetrac...	0.374	0.357	0.361	0.369	0.360	0.372	0.365	1.91
67)	C	Ethyl Benzene	1.899	1.925	2.001	2.034	2.023	2.150	2.005	4.44#
68)	T	m/p-Xylenes	0.712	0.747	0.772	0.780	0.766	0.797	0.762	3.90
69)	T	o-Xylene	0.610	0.655	0.704	0.741	0.726	0.754	0.698	7.92
70)	T	Styrene	1.067	1.170	1.258	1.276	1.270	1.307	1.225	7.35
71)	P	Bromoform	0.189	0.187	0.193	0.207	0.205	0.225	0.201	7.20
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.269	3.475	3.637	3.874	3.740	4.259	3.709	9.21
74)	T	N-amyl acetate	1.028	1.029	1.198	1.347	1.296	1.468	1.228	14.43
75)	P	1,1,2,2-Tetrac...	0.860	0.824	0.873	0.910	0.833	0.939	0.873	5.10
76)	T	1,2,3-Trichlor...	0.771	0.626	0.682	0.674	0.621	0.685	0.677	8.00
77)	T	Bromobenzene	0.859	0.854	0.876	0.862	0.832	0.979	0.877	5.93
78)	T	n-propylbenzene	4.289	4.616	4.730	4.905	4.648	5.202	4.732	6.46
79)	T	2-Chlorotoluene	2.660	2.790	2.774	2.832	2.745	3.126	2.821	5.67
80)	T	1,3,5-Trimethy...	2.853	3.063	3.133	3.264	3.143	3.532	3.165	7.11
81)	T	trans-1,4-Dich...	0.248	0.234	0.273	0.319	0.302	0.351	0.288	15.49
82)	T	4-Chlorotoluene	2.856	3.058	2.968	3.073	2.902	3.247	3.017	4.67
83)	T	tert-Butylbenzene	2.280	2.524	2.527	2.670	2.652	3.007	2.610	9.16
84)	T	1,2,4-Trimethy...	2.820	3.046	3.097	3.258	3.149	3.598	3.161	8.18
85)	T	sec-Butylbenzene	3.684	4.039	3.911	4.107	3.977	4.438	4.026	6.18
86)	T	p-Isopropyltol...	3.022	3.195	3.258	3.320	3.280	3.819	3.316	8.08
87)	T	1,3-Dichlorobe...	1.808	1.804	1.721	1.784	1.705	1.936	1.793	4.58
88)	T	1,4-Dichlorobe...	1.850	1.866	1.730	1.782	1.635	1.813	1.779	4.83
89)	T	n-Butylbenzene	3.130	3.295	3.237	3.392	3.383	3.765	3.367	6.47
90)	T	Hexachloroethane	0.659	0.617	0.599	0.620	0.605	0.711	0.635	6.69
91)	T	1,2-Dichlorobe...	1.624	1.567	1.559	1.577	1.465	1.643	1.572	3.94
92)	T	1,2-Dibromo-3-...	0.163	0.122	0.145	0.157	0.147	0.169	0.151	11.13
93)	T	1,2,4-Trichlor...	0.928	0.872	0.911	0.946	0.949	1.140	0.958	9.78
94)	T	Hexachlorobuta...	0.464	0.449	0.402	0.438	0.421	0.472	0.441	6.02
95)	T	Naphthalene	1.733	1.713	2.045	2.356	2.370	2.776	2.166	19.11
96)	T	1,2,3-Trichlor...	0.809	0.816	0.810	0.891	0.895	0.999	0.870	8.57

(#) = Out of Range