Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N051625W.M
Title : SW846 8260
Last Update : Sat May 17 00:46:13 2025
Response Via : Initial Calibration

Calibration Files
1 =VN086669.D 5 =VN086670.D 10 =VN086671.D 20 =VN086672.D 50 =VN086673.D 100 =VN086674.D

		Compound	1	5	10	20	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.408	0.476	0.639	0.477	0.599	0.641	0.540	18.37
3)	P	Chloromethane	0.859	0.798	0.850	0.762	0.782	0.850	0.817	5.05
4)	C	Vinyl Chloride	0.655	0.708	0.780	0.713	0.753	0.792	0.733	7.00#
5)	T	Bromomethane		0.442	0.441	0.415	0.403	0.413	0.423	4.14
6)	T	Chloroethane	0.445	0.489	0.509	0.483	0.466	0.491	0.480	4.64
7)	T	Trichlorofluor...	0.777	0.887	0.892	0.899	0.880	0.925	0.877	5.85
8)	T	Diethyl Ether	0.325	0.367	0.364	0.374	0.360	0.382	0.362	5.43
9)	T	1,1,2-Trichlor...	0.449	0.535	0.544	0.544	0.528	0.549	0.525	7.25
10)	T	Methyl Iodide		0.595	0.657	0.656	0.651	0.706	0.653	6.03
11)	T	Tert butyl alc...		0.126	0.130	0.125	0.122	0.126	0.126	2.32
12)	CM	1,1-Dichloroet...	0.531	0.563	0.563	0.557	0.548	0.583	0.558	3.11#
13)	T	Acrolein		0.144	0.133	0.123	0.134	0.139	0.135	5.90
14)	T	Allyl chloride	0.786	0.805	0.910	0.864	0.824	0.875	0.844	5.55
15)	T	Acrylonitrile	0.265	0.310	0.319	0.334	0.311	0.330	0.312	8.00
16)	T	Acetone	0.286	0.252	0.259	0.257	0.243	0.254	0.258	5.71
17)	T	Carbon Disulfide	1.452	1.490	1.544	1.563	1.543	1.673	1.544	4.87
18)	T	Methyl Acetate	0.925	0.709	0.682	0.677	0.663	0.685	0.723	13.78
19)	T	Methyl tert-bu...	1.739	1.876	1.913	1.972	1.913	1.982	1.899	4.64
20)	T	Methylene Chlo...	0.746	0.683	0.670	0.679	0.631	0.684	0.682	5.44
21)	T	trans-1,2-Dich...	0.550	0.601	0.587	0.609	0.577	0.613	0.590	3.99
22)	T	Diisopropyl ether	1.668	1.927	1.927	2.007	1.922	1.976	1.904	6.35
23)	T	Vinyl Acetate	1.169	1.372	1.433	1.658	1.458	1.498	1.431	11.22
24)	P	1,1-Dichloroet...	1.049	1.127	1.126	1.146	1.104	1.156	1.118	3.44
25)	T	2-Butanone	0.361	0.404	0.398	0.414	0.402	0.418	0.399	5.07
26)	T	2,2-Dichloropr...	0.917	0.926	0.931	0.949	0.891	0.922	0.923	2.07
27)	T	cis-1,2-Dichlo...	0.681	0.721	0.721	0.754	0.712	0.754	0.724	3.80
28)	T	Bromochloromet...	0.489	0.526	0.519	0.506	0.508	0.501	0.508	2.58
29)	T	Tetrahydrofuran	0.226	0.257	0.262	0.280	0.265	0.274	0.261	7.16
30)	C	Chloroform	1.061	1.146	1.109	1.173	1.093	1.133	1.119	3.54#
31)	T	Cyclohexane		1.105	1.060	1.023	0.983	1.013	1.037	4.54
32)	T	1,1,1-Trichlor...	0.874	0.936	0.949	0.986	0.945	0.971	0.944	4.09
33)	S	1,2-Dichloroet...		0.718	0.658	0.687	0.693	0.698	0.691	3.16
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.300	0.289	0.291	0.298	0.311	0.298	2.97
36)	T	1,1-Dichloropr...	0.405	0.437	0.442	0.450	0.435	0.465	0.439	4.50
37)	T	Ethyl Acetate	0.425	0.456	0.441	0.456	0.436	0.448	0.444	2.77
38)	T	Carbon Tetrach...	0.384	0.438	0.430	0.460	0.430	0.454	0.433	6.19
39)	T	Methylcyclohexane	0.436	0.460	0.466	0.496	0.482	0.513	0.475	5.78
40)	TM	Benzene	1.348	1.429	1.447	1.484	1.402	1.487	1.433	3.68
41)	T	Methacrylonitrile	0.216	0.242	0.246	0.248	0.240	0.246	0.240	4.96
42)	TM	1,2-Dichloroet...	0.413	0.457	0.451	0.467	0.438	0.452	0.446	4.22
43)	T	Isopropyl Acetate	1.138	0.956	0.840	0.852	0.771	0.780	0.889	15.59
44)	TM	Trichloroethene	0.306	0.341	0.358	0.361	0.343	0.365	0.346	6.33
45)	C	1,2-Dichloropr...	0.311	0.337	0.343	0.363	0.336	0.352	0.340	5.19#
46)	T	Dibromomethane	0.204	0.226	0.238	0.245	0.228	0.238	0.230	6.38
47)	T	Bromodichlorom...	0.437	0.468	0.469	0.496	0.471	0.497	0.473	4.65
48)	T	Methyl methacr...	0.305	0.338	0.338	0.369	0.351	0.366	0.345	6.74
49)	T	1,4-Dioxane	0.007	0.007	0.008	0.007	0.007	0.007	0.007	5.24
50)	S	Toluene-d8		1.203	1.159	1.233	1.250	1.325	1.234	4.98
51)	T	4-Methyl-2-Pen...	0.396	0.448	0.452	0.478	0.451	0.467	0.449	6.25
52)	CM	Toluene	0.765	0.898	0.891	0.956	0.887	0.947	0.891	7.68#
53)	T	t-1,3-Dichloro...	0.433	0.483	0.489	0.533	0.514	0.554	0.501	8.54
54)	T	cis-1,3-Dichlo...	0.485	0.537	0.552	0.576	0.546	0.586	0.547	6.48
55)	T	1,1,2-Trichlor...	0.324	0.338	0.327	0.346	0.321	0.338	0.332	2.90
56)	T	Ethyl methacry...	0.440	0.505	0.526	0.575	0.557	0.597	0.533	10.57

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57)	T	1,3-Dichloropr...	0.512	0.587	0.571	0.608	0.562	0.594	0.572	5.91
58)	T	2-Chloroethyl ...	0.177	0.229	0.241	0.250	0.259	0.275	0.238	14.17
59)	T	2-Hexanone	0.282	0.317	0.331	0.357	0.333	0.346	0.328	8.06
60)	T	Dibromochlorom...	0.301	0.334	0.347	0.374	0.349	0.384	0.348	8.44
61)	T	1,2-Dibromoethane	0.289	0.332	0.340	0.353	0.334	0.354	0.334	7.15
62)	S	4-Bromofluorob...		0.412	0.403	0.433	0.450	0.481	0.436	7.16
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.357	0.396	0.392	0.392	0.369	0.392	0.383	4.19
65)	PM	Chlorobenzene	1.030	1.112	1.109	1.138	1.060	1.130	1.096	3.86
66)	T	1,1,1,2-Tetrac...	0.338	0.346	0.358	0.366	0.349	0.367	0.354	3.26
67)	C	Ethyl Benzene	1.715	1.837	1.869	1.972	1.865	2.009	1.878	5.56#
68)	T	m/p-Xylenes	0.592	0.704	0.718	0.762	0.717	0.774	0.711	9.12
69)	T	o-Xylene	0.604	0.697	0.703	0.759	0.721	0.759	0.707	8.06
70)	T	Styrene	0.951	1.119	1.128	1.259	1.200	1.288	1.158	10.50
71)	P	Bromoform	0.214	0.243	0.247	0.265	0.261	0.281	0.252	9.18
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.739	3.814	3.903	4.151	3.541	4.022	3.862	5.58
74)	T	N-amyl acetate	1.517	1.613	1.653	1.739	1.510	1.649	1.613	5.44
75)	P	1,1,2,2-Tetrac...	1.142	1.252	1.255	1.260	1.054	1.156	1.186	7.03
76)	T	1,2,3-Trichlor...	1.144	1.045	1.202	1.225	1.037	1.131	1.131	6.88
77)	T	Bromobenzene	1.039	0.954	0.981	1.002	0.872	0.981	0.971	5.81
78)	T	n-propylbenzene	4.177	4.301	4.383	4.780	4.195	4.754	4.432	6.10
79)	T	2-Chlorotoluene	2.764	2.914	2.943	3.056	2.667	2.946	2.882	4.89
80)	T	1,3,5-Trimethy...	2.827	3.050	3.168	3.330	2.932	3.256	3.094	6.25
81)	T	trans-1,4-Dich...		0.390	0.422	0.505	0.449	0.474	0.448	10.01
82)	T	4-Chlorotoluene	2.734	2.787	2.922	3.069	2.656	2.960	2.855	5.43
83)	T	tert-Butylbenzene	2.564	2.639	2.781	2.929	2.499	2.778	2.698	5.93
84)	T	1,2,4-Trimethy...	2.725	3.002	3.143	3.339	2.983	3.295	3.081	7.39
85)	T	sec-Butylbenzene	3.223	3.516	3.750	3.887	3.455	3.876	3.618	7.31
86)	T	p-Isopropyltol...	2.643	2.835	2.954	3.198	2.901	3.262	2.965	7.80
87)	T	1,3-Dichlorobe...	1.619	1.715	1.707	1.734	1.602	1.715	1.682	3.35
88)	T	1,4-Dichlorobe...	1.587	1.673	1.695	1.751	1.583	1.711	1.667	4.10
89)	T	n-Butylbenzene	2.234	2.274	2.398	2.630	2.443	2.771	2.458	8.45
90)	T	Hexachloroethane	0.431	0.473	0.492	0.526	0.475	0.556	0.492	8.92
91)	T	1,2-Dichlorobe...	1.574	1.585	1.636	1.655	1.550	1.600	1.600	2.45
92)	T	1,2-Dibromo-3-...	0.164	0.205	0.194	0.200	0.201	0.215	0.197	8.86
93)	T	1,2,4-Trichlor...	0.577	0.629	0.658	0.720	0.686	0.782	0.675	10.59
94)	T	Hexachlorobuta...	0.312	0.280	0.262	0.282	0.263	0.283	0.280	6.54
95)	T	Naphthalene	2.146	2.123	2.231	2.425	2.418	2.727	2.345	9.71
96)	T	1,2,3-Trichlor...	0.626	0.612	0.664	0.674	0.653	0.739	0.661	6.77

(#) = Out of Range