Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N102325W.M
Title : SW846 8260
Last Update : Sat Oct 25 00:15:22 2025
Response Via : Initial Calibration

Calibration Files
1 =VN088078.D 5 =VN088079.D 20 =VN088080.D 50 =VN088081.D 100 =VN088082.D 150 =VN088083.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.606	0.645	0.594	0.458	0.493	0.588	0.564	12.84
3)	P	Chloromethane	0.782	0.707	0.725	0.519	0.579	0.669	0.664	14.74
4)	C	Vinyl Chloride	0.801	0.784	0.787	0.581	0.639	0.746	0.723	12.62#
5)	T	Bromomethane		0.527	0.485	0.341	0.389	0.420	0.432	17.19
6)	T	Chloroethane	0.598	0.601	0.558	0.413	0.447	0.509	0.521	15.15
7)	T	Trichlorofluor...	1.199	1.317	1.246	0.955	1.031	1.171	1.153	11.77
8)	T	Diethyl Ether	0.456	0.501	0.455	0.320	0.400	0.440	0.429	14.57
9)	T	1,1,2-Trichlor...	0.637	0.632	0.612	0.476	0.561	0.653	0.595	11.19
10)	T	Methyl Iodide		0.430	0.550	0.456	0.674	0.609	0.544	18.85
11)	T	Tert butyl alc...		0.164	0.170	0.116	0.151	0.144	0.149	14.24
12)	CM	1,1-Dichloroet...	0.806	0.686	0.631	0.462	0.547	0.637	0.628	18.71#
13)	T	Acrolein		0.196	0.172	0.124	0.163	0.183	0.168	16.30
14)	T	Allyl chloride	1.325	1.149	1.106	0.813	1.124	1.093	1.102	14.98
15)	T	Acrylonitrile	0.398	0.423	0.452	0.324	0.426	0.413	0.406	10.82
16)	T	Acetone	0.563	0.441	0.440	0.319	0.411	0.431	0.434	17.93
17)	T	Carbon Disulfide	2.143	2.041	1.984	1.483	1.917	1.895	1.910	11.92
18)	T	Methyl Acetate	0.982	0.910	0.980	0.688	0.896	0.880	0.889	12.10
19)	T	Methyl tert-bu...	2.356	2.498	2.493	1.790	2.370	2.342	2.308	11.40
20)	T	Methylene Chlo...	0.894	0.774	0.775	0.540	0.708	0.684	0.729	16.17
21)	T	trans-1,2-Dich...	0.820	0.716	0.715	0.536	0.673	0.678	0.690	13.32
22)	T	Diisopropyl ether	2.325	2.460	2.644	1.883	2.138	2.449	2.317	11.68
23)	T	Vinyl Acetate	1.958	2.237	2.387	1.737	1.958	2.244	2.087	11.60
24)	P	1,1-Dichloroet...	1.371	1.432	1.418	1.026	1.142	1.312	1.283	12.80
25)	T	2-Butanone	0.615	0.616	0.639	0.465	0.516	0.584	0.572	11.81
26)	T	2,2-Dichloropr...	1.403	1.226	1.234	0.920	1.023	1.190	1.166	14.65
27)	T	cis-1,2-Dichlo...	0.884	0.892	0.868	0.626	0.694	0.800	0.794	13.94
28)	T	Bromochloromet...	0.608	0.669	0.549	0.589	0.596	0.627	0.606	6.59
29)	T	Tetrahydrofuran	0.413	0.385	0.422	0.296	0.340	0.382	0.373	12.63
30)	C	Chloroform	1.334	1.433	1.405	1.040	1.162	1.318	1.282	11.82#
31)	T	Cyclohexane		1.488	1.301	0.965	1.055	1.243	1.210	17.05
32)	T	1,1,1-Trichlor...	1.293	1.230	1.241	0.912	1.014	1.160	1.142	13.00
33)	S	1,2-Dichloroet...		0.914	0.915	0.799	0.822	0.872	0.865	6.10
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.343	0.344	0.315	0.327	0.350	0.336	4.27
36)	T	1,1-Dichloropr...	0.515	0.514	0.530	0.406	0.453	0.525	0.490	10.21
37)	T	Ethyl Acetate	0.742	0.656	0.676	0.491	0.579	0.653	0.633	13.72
38)	T	Carbon Tetrach...	0.544	0.525	0.538	0.417	0.470	0.546	0.507	10.30
39)	T	Methylcyclohexane	0.701	0.649	0.634	0.524	0.578	0.698	0.630	11.01
40)	TM	Benzene	1.621	1.577	1.609	1.216	1.372	1.566	1.494	10.93
41)	T	Methacrylonitrile	0.394	0.342	0.354	0.271	0.296	0.342	0.333	13.12
42)	TM	1,2-Dichloroet...	0.552	0.572	0.590	0.436	0.480	0.554	0.531	11.22
43)	T	Isopropyl Acetate	0.991	1.008	1.066	0.810	0.913	1.047	0.973	9.81
44)	TM	Trichloroethene	0.375	0.374	0.374	0.284	0.318	0.369	0.349	11.10
45)	C	1,2-Dichloropr...	0.420	0.408	0.397	0.306	0.340	0.391	0.377	11.73#
46)	T	Dibromomethane	0.275	0.298	0.295	0.218	0.246	0.281	0.269	11.50
47)	T	Bromodichlorom...	0.561	0.570	0.589	0.439	0.499	0.573	0.538	10.77
48)	T	Methyl methacr...	0.488	0.429	0.489	0.372	0.425	0.490	0.449	10.78
49)	T	1,4-Dioxane	0.005	0.006	0.006	0.004	0.005	0.006	0.006	13.34
50)	S	Toluene-d8		1.283	1.298	1.223	1.283	1.384	1.294	4.45
51)	T	4-Methyl-2-Pen...	0.548	0.600	0.647	0.485	0.552	0.620	0.575	10.20
52)	CM	Toluene	0.971	0.958	0.991	0.755	0.862	0.989	0.921	10.23#
53)	T	t-1,3-Dichloro...	0.554	0.576	0.618	0.479	0.559	0.652	0.573	10.40
54)	T	cis-1,3-Dichlo...	0.615	0.622	0.652	0.501	0.587	0.671	0.608	9.91
55)	T	1,1,2-Trichlor...	0.421	0.348	0.374	0.281	0.317	0.355	0.349	13.68
56)	T	Ethyl methacry...	0.515	0.518	0.592	0.475	0.566	0.650	0.553	11.40

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57)	T	1,3-Dichloropr...	0.639	0.647	0.674	0.506	0.572	0.647	0.614	10.25
58)	T	2-Chloroethyl ...	0.280	0.274	0.299	0.245	0.280	0.348	0.288	11.93
59)	T	2-Hexanone	0.369	0.332	0.418	0.333	0.392	0.447	0.382	12.13
60)	T	Dibromochlorom...	0.418	0.392	0.433	0.327	0.377	0.436	0.397	10.44
61)	T	1,2-Dibromoethane	0.403	0.356	0.384	0.289	0.339	0.388	0.360	11.60
62)	S	4-Bromofluorob...		0.435	0.457	0.439	0.466	0.488	0.457	4.80
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.400	0.344	0.335	0.258	0.298	0.344	0.330	14.61
65)	PM	Chlorobenzene	1.197	1.208	1.205	0.941	1.053	1.208	1.135	9.93
66)	T	1,1,1,2-Tetrac...	0.396	0.385	0.395	0.310	0.348	0.397	0.372	9.57
67)	C	Ethyl Benzene	2.069	2.066	2.123	1.649	1.873	2.177	1.993	9.89#
68)	T	m/p-Xylenes	0.733	0.774	0.804	0.635	0.708	0.827	0.747	9.41
69)	T	o-Xylene	0.670	0.742	0.764	0.604	0.684	0.784	0.708	9.57
70)	T	Styrene	0.946	1.204	1.276	1.011	1.165	1.325	1.154	12.89
71)	P	Bromoform	0.268	0.274	0.294	0.233	0.276	0.320	0.278	10.43
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.189	3.857	4.067	3.173	3.580	4.272	3.856	10.83
74)	T	N-amyl acetate		0.931	0.993	0.920	1.094	1.535	1.095	23.37
75)	P	1,1,2,2-Tetrac...	1.304	1.258	1.336	0.957	1.080	1.270	1.201	12.42
76)	T	1,2,3-Trichlor...	1.334	1.351	1.062	0.930	1.014	1.169	1.143	15.11
77)	T	Bromobenzene	0.826	0.859	0.926	0.687	0.789	0.902	0.832	10.37
78)	T	n-propylbenzene	4.874	4.855	4.930	3.925	4.436	5.217	4.706	9.71
79)	T	2-Chlorotoluene	2.492	2.833	2.974	2.245	2.545	3.014	2.684	11.35
80)	T	1,3,5-Trimethy...	3.329	3.254	3.385	2.669	3.028	3.551	3.203	9.76
81)	T	trans-1,4-Dich...		0.422	0.399	0.317	0.403	0.508	0.410	16.68
82)	T	4-Chlorotoluene	3.219	3.019	3.114	2.345	2.623	3.102	2.904	11.81
83)	T	tert-Butylbenzene	3.154	2.876	3.002	2.358	2.646	3.131	2.861	10.80
84)	T	1,2,4-Trimethy...	3.242	3.316	3.465	2.700	3.012	3.491	3.204	9.42
85)	T	sec-Butylbenzene	4.578	4.273	4.382	3.490	3.881	4.616	4.203	10.43
86)	T	p-Isopropyltol...	3.269	3.541	3.602	2.866	3.170	3.783	3.372	9.90
87)	T	1,3-Dichlorobe...	1.777	1.673	1.822	1.380	1.535	1.773	1.660	10.33
88)	T	1,4-Dichlorobe...	2.065	1.953	1.863	1.399	1.582	1.836	1.783	13.86
89)	T	n-Butylbenzene	3.396	3.438	3.493	2.827	3.158	3.730	3.340	9.32
90)	T	Hexachloroethane	0.687	0.679	0.671	0.535	0.610	0.736	0.653	10.77
91)	T	1,2-Dichlorobe...	1.768	1.652	1.678	1.291	1.469	1.744	1.600	11.52
92)	T	1,2-Dibromo-3-...	0.325	0.289	0.301	0.214	0.243	0.305	0.279	15.13
93)	T	1,2,4-Trichlor...	1.058	0.976	0.989	0.785	0.902	1.105	0.969	11.80
94)	T	Hexachlorobuta...	0.412	0.374	0.373	0.293	0.319	0.395	0.361	12.69
95)	T	Naphthalene	3.451	3.110	3.437	2.732	3.203	3.987	3.320	12.63
96)	T	1,2,3-Trichlor...	1.098	0.894	0.937	0.736	0.848	1.062	0.929	14.54

(#) = Out of Range