Response Factor Report 7890

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N030221W.M
Title : SW846 8260
Last Update : Tue Mar 02 14:05:08 2021
Response Via : Initial Calibration

Calibration Files
1 =VN066094.D 5 =VN066095.D 20 =VN066096.D 50 =VN066097.D 100 =VN066098.D 150 =VN066099.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.582	0.662	0.612	0.659	0.665	0.666	0.641	5.55
3)	P	Chloromethane	0.926	0.760	0.615	0.671	0.689	0.674	0.722	15.21
4)	C	Vinyl Chloride	0.738	0.665	0.654	0.710	0.722	0.757	0.708	5.77#
5)	T	Bromomethane		0.560	0.444	0.480	0.482	0.497	0.492	8.63
6)	T	Chloroethane	0.281	0.403	0.377	0.386	0.403	0.410	0.377	12.84
7)	T	Trichlorofluor...	1.148	1.136	1.050	1.128	1.118	1.116	1.116	3.07
8)	T	Diethyl Ether	0.286	0.345	0.297	0.327	0.338	0.337	0.322	7.57
9)	T	1,1,2-Trichlor...	0.457	0.469	0.445	0.489	0.480	0.481	0.470	3.54
10)	T	Methyl Iodide		0.631	0.648	0.758	0.771	0.783	0.718	10.10
11)	T	Tert butyl alc...		0.103	0.098	0.106	0.107	0.111	0.105	4.53
12)	CM	1,1-Dichloroet...	0.559	0.556	0.459	0.515	0.504	0.502	0.516	7.27#
13)	T	Acrolein		0.111	0.077	0.082	0.084	0.085	0.088	15.13
14)	T	Allyl chloride	0.686	0.808	0.772	0.850	0.779	0.851	0.791	7.78
15)	T	Acrylonitrile	0.191	0.231	0.215	0.239	0.245	0.247	0.228	9.46
16)	T	Acetone	0.290	0.241	0.203	0.213	0.212	0.206	0.227	14.62
17)	T	Carbon Disulfide	1.651	1.538	1.381	1.490	1.510	1.525	1.516	5.73
18)	T	Methyl Acetate	0.431	0.512	0.454	0.504	0.508	0.504	0.486	7.01
19)	T	Methyl tert-bu...	2.118	1.953	1.741	1.887	1.881	1.878	1.910	6.46
20)	T	Methylene Chlo...	0.708	0.606	0.533	0.579	0.582	0.584	0.599	9.78
21)	T	trans-1,2-Dich...	0.455	0.578	0.516	0.549	0.558	0.558	0.536	8.26
22)	T	Diisopropyl ether	1.553	1.645	1.461	1.627	1.608	1.621	1.586	4.34
23)	T	Vinyl Acetate	1.303	1.363	1.242	1.379	1.391	1.396	1.346	4.53
24)	P	1,1-Dichloroet...	0.930	1.013	0.946	1.018	1.014	1.022	0.990	4.14
25)	T	2-Butanone	0.301	0.296	0.283	0.309	0.309	0.313	0.302	3.71
26)	T	2,2-Dichloropr...	1.050	1.067	0.936	1.023	1.027	1.012	1.019	4.45
27)	T	cis-1,2-Dichlo...	0.597	0.677	0.602	0.642	0.651	0.654	0.637	4.94
28)	T	Bromochloromet...	0.293	0.454	0.361	0.425	0.436	0.463	0.405	16.25
29)	T	Tetrahydrofuran	0.189	0.197	0.184	0.199	0.198	0.201	0.195	3.33
30)	C	Chloroform	1.098	1.123	1.024	1.093	1.120	1.100	1.093	3.29#
31)	T	Cyclohexane		1.099	0.833	0.866	0.878	0.874	0.910	11.78
32)	T	1,1,1-Trichlor...	1.024	1.030	0.960	1.044	1.055	1.058	1.029	3.53
33)	S	1,2-Dichloroet...		0.804	0.702	0.731	0.760	0.807	0.761	5.97
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.332	0.283	0.314	0.321	0.334	0.317	6.48
36)	T	1,1-Dichloropr...	0.433	0.477	0.439	0.486	0.493	0.492	0.470	5.77
37)	T	Ethyl Acetate	0.348	0.332	0.336	0.393	0.396	0.391	0.366	8.29
38)	T	Carbon Tetrach...	0.540	0.551	0.494	0.550	0.557	0.550	0.540	4.35
39)	T	Methylcyclohexane	0.496	0.492	0.468	0.522	0.539	0.529	0.508	5.31
40)	TM	Benzene	1.391	1.401	1.275	1.410	1.439	1.412	1.388	4.16
41)	T	Methacrylonitrile	0.190	0.199	0.169	0.194	0.186	0.185	0.187	5.50
42)	TM	1,2-Dichloroet...	0.503	0.560	0.535	0.563	0.570	0.566	0.550	4.68
43)	T	Isopropyl Acetate	0.689	0.669	0.641	0.693	0.714	0.706	0.685	3.90
44)	TM	Trichloroethene	0.430	0.367	0.353	0.388	0.396	0.392	0.388	6.85
45)	C	1,2-Dichloropr...	0.358	0.349	0.315	0.346	0.356	0.349	0.345	4.48#
46)	T	Dibromomethane	0.171	0.233	0.217	0.241	0.249	0.243	0.226	12.92
47)	T	Bromodichlorom...	0.483	0.534	0.485	0.536	0.557	0.544	0.523	5.96
48)	T	Methyl methacr...	0.331	0.324	0.307	0.337	0.350	0.342	0.332	4.48
49)	T	1,4-Dioxane	0.004	0.006	0.005	0.006	0.006	0.007	0.006	15.50
50)	S	Toluene-d8		1.284	1.075	1.190	1.284	1.334	1.233	8.32
51)	T	4-Methyl-2-Pen...	0.362	0.373	0.347	0.380	0.395	0.394	0.375	4.99
52)	CM	Toluene	0.895	0.875	0.815	0.902	0.941	0.930	0.893	5.05#
53)	T	t-1,3-Dichloro...	0.571	0.591	0.560	0.621	0.642	0.638	0.604	5.76
54)	T	cis-1,3-Dichlo...	0.595	0.638	0.571	0.635	0.665	0.649	0.625	5.66
55)	T	1,1,2-Trichlor...	0.327	0.351	0.304	0.332	0.352	0.348	0.336	5.58
56)	T	Ethyl methacry...	0.403	0.463	0.431	0.496	0.533	0.533	0.476	11.27

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57)	T	1,3-Dichloropr...	0.500	0.591	0.526	0.578	0.610	0.604	0.568	7.88
58)	T	2-Chloroethyl ...	0.156	0.177	0.178	0.197	0.202	0.205	0.186	10.10
59)	T	2-Hexanone	0.208	0.234	0.233	0.271	0.290	0.286	0.254	13.14
60)	T	Dibromochlorom...	0.335	0.390	0.345	0.396	0.429	0.424	0.387	10.12
61)	T	1,2-Dibromoethane	0.282	0.342	0.320	0.358	0.374	0.375	0.342	10.56
62)	S	4-Bromofluorob...		0.454	0.413	0.451	0.516	0.541	0.475	10.95
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.432	0.440	0.399	0.416	0.404	0.386	0.413	5.03
65)	PM	Chlorobenzene	1.022	1.040	0.971	1.060	1.086	1.086	1.044	4.20
66)	T	1,1,1,2-Tetrac...	0.368	0.396	0.369	0.411	0.417	0.415	0.396	5.71
67)	C	Ethyl Benzene	1.851	1.898	1.750	1.898	1.954	1.932	1.881	3.88#
68)	T	m/p-Xylenes	0.734	0.718	0.663	0.733	0.752	0.759	0.727	4.72
69)	T	o-Xylene	0.727	0.718	0.641	0.706	0.733	0.732	0.709	4.91
70)	T	Styrene	1.021	1.054	1.019	1.165	1.207	1.221	1.115	8.42
71)	P	Bromoform	0.239	0.266	0.257	0.284	0.300	0.304	0.275	9.24
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.357	4.334	3.818	4.077	4.055	3.966	4.101	5.12
74)	T	N-amyl acetate	0.323	0.817	0.854	1.144	1.276	1.254	0.945	38.32
75)	P	1,1,2,2-Tetrac...	1.049	1.178	1.061	1.070	1.093	1.060	1.085	4.41
76)	T	1,2,3-Trichlor...	1.166	1.167	0.989	1.187	1.075	1.040	1.104	7.34
77)	T	Bromobenzene	0.967	0.956	0.881	0.962	0.963	0.940	0.945	3.44
78)	T	n-propylbenzene	4.625	4.689	4.035	4.465	4.478	4.431	4.454	5.13
79)	T	2-Chlorotoluene	3.306	2.955	2.616	2.787	2.784	2.740	2.865	8.44
80)	T	1,3,5-Trimethy...	4.086	3.777	3.342	3.555	3.548	3.482	3.632	7.25
81)	T	trans-1,4-Dich...		0.358	0.351	0.385	0.398	0.385	0.375	5.36
82)	T	4-Chlorotoluene	3.308	3.037	2.644	2.910	2.939	2.899	2.956	7.31
83)	T	tert-Butylbenzene	3.378	3.173	2.671	2.935	2.896	2.820	2.979	8.57
84)	T	1,2,4-Trimethy...	3.780	3.623	3.339	3.504	3.512	3.532	3.548	4.11
85)	T	sec-Butylbenzene	3.916	3.794	3.328	3.639	3.669	3.622	3.661	5.40
86)	T	p-Isopropyltol...	3.549	3.463	3.099	3.422	3.484	3.433	3.409	4.64
87)	T	1,3-Dichlorobe...	1.555	1.694	1.541	1.679	1.722	1.682	1.646	4.68
88)	T	1,4-Dichlorobe...	1.983	1.685	1.575	1.710	1.730	1.715	1.733	7.77
89)	T	n-Butylbenzene	2.602	2.606	2.446	2.795	2.851	2.831	2.688	6.02
90)	T	Hexachloroethane	0.593	0.463	0.448	0.516	0.543	0.543	0.518	10.50
91)	T	1,2-Dichlorobe...	1.485	1.681	1.615	1.713	1.667	1.628	1.631	4.92
92)	T	1,2-Dibromo-3-...	0.558	0.375	0.272	0.291	0.279	0.265	0.340	33.60
93)	T	1,2,4-Trichlor...	0.769	0.674	0.812	0.952	0.976	0.979	0.860	14.82
94)	T	Hexachlorobuta...	0.443	0.446	0.390	0.401	0.401	0.387	0.411	6.37
95)	T	Naphthalene	2.719	2.350	2.560	2.968	3.053	3.070	2.787	10.53
96)	T	1,2,3-Trichlor...	1.011	0.804	0.843	0.949	0.992	0.985	0.931	9.27

(#) = Out of Range