Response Factor Report 7890

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N042121W.M
Title : SW846 8260
Last Update : Wed Apr 21 16:22:57 2021
Response Via : Initial Calibration

Calibration Files
1 =VN066700.D 5 =VN066691.D 20 =VN066692.D 40 =VN066698.D 50 =VN066693.D 100 =VN066694.D

		Compound	1	5	20	40	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.517	0.587	0.536	0.576	0.575	0.593	0.564	5.38
3)	P	Chloromethane	0.880	0.844	0.743	0.780	0.779	0.804	0.805	6.13
4)	C	Vinyl Chloride	0.612	0.767	0.671	0.726	0.746	0.775	0.716	8.81#
5)	T	Bromomethane		0.341	0.411	0.436	0.438	0.397	0.405	9.75
6)	T	Chloroethane	0.378	0.447	0.399	0.432	0.438	0.429	0.420	6.22
7)	T	Trichlorofluor...	0.677	0.828	0.727	0.787	0.786	0.812	0.770	7.36
8)	T	Diethyl Ether	0.282	0.345	0.304	0.340	0.338	0.355	0.327	8.53
9)	T	1,1,2-Trichlor...	0.449	0.520	0.452	0.489	0.490	0.498	0.483	5.68
10)	T	Methyl Iodide		0.757	0.690	0.758	0.781	0.808	0.759	5.75
11)	T	Tert butyl alc...		0.378	0.349	0.417	0.394	0.397	0.387	6.53
12)	CM	1,1-Dichloroet...	0.437	0.509	0.458	0.500	0.502	0.519	0.487	6.70#
13)	T	Acrolein		0.484	0.393	0.393	0.425	0.443	0.428	8.95
14)	T	Allyl chloride	0.775	0.977	0.880	0.962	0.984	1.026	0.934	9.78
15)	T	Acrylonitrile	1.081	1.328	1.267	1.389	1.405	1.445	1.319	10.03
16)	T	Acetone	1.250	1.261	1.060	1.145	1.089	1.055	1.143	8.08
17)	T	Carbon Disulfide	1.612	1.608	1.434	1.531	1.585	1.622	1.565	4.61
18)	T	Methyl Acetate	0.683	0.655	0.590	0.612	0.625	0.640	0.634	5.17
19)	T	Methyl tert-bu...	1.329	1.587	1.499	1.679	1.702	1.755	1.592	9.90
20)	T	Methylene Chlo...	0.902	0.727	0.598	0.610	0.614	0.628	0.680	17.45
21)	T	trans-1,2-Dich...	0.483	0.554	0.503	0.542	0.557	0.572	0.535	6.45
22)	T	Diisopropyl ether	1.547	1.949	1.815	1.972	2.012	2.067	1.894	10.00
23)	T	Vinyl Acetate	5.921	7.579	7.274	8.124	8.330	8.582	7.635	12.68
24)	P	1,1-Dichloroet...	0.945	1.138	0.992	1.059	1.074	1.101	1.052	6.80
25)	T	2-Butanone	1.350	1.679	1.549	1.728	1.742	1.792	1.640	10.04
26)	T	2,2-Dichloropr...	0.819	0.912	0.799	0.876	0.877	0.899	0.864	5.22
27)	T	cis-1,2-Dichlo...	0.564	0.647	0.572	0.631	0.647	0.663	0.621	6.78
28)	T	Bromochloromet...	0.459	0.511	0.459	0.503	0.502	0.534	0.495	6.04
29)	T	Tetrahydrofuran	0.962	1.104	1.092	1.192	1.201	1.229	1.130	8.74
30)	C	Chloroform	0.868	1.043	0.932	1.004	1.021	1.046	0.986	7.22#
31)	T	Cyclohexane		1.094	0.889	0.982	0.983	1.030	0.995	7.56
32)	T	1,1,1-Trichlor...	0.710	0.873	0.777	0.845	0.858	0.879	0.824	8.11
33)	S	1,2-Dichloroet...		0.669	0.560	0.603	0.594	0.628	0.611	6.66
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.333	0.280	0.316	0.310	0.326	0.313	6.55
36)	T	1,1-Dichloropr...	0.404	0.481	0.424	0.482	0.489	0.509	0.465	8.82
37)	T	Ethyl Acetate	0.512	0.476	0.450	0.488	0.498	0.507	0.488	4.68
38)	T	Carbon Tetrach...	0.392	0.467	0.416	0.450	0.460	0.470	0.442	7.17
39)	T	Methylcyclohexane	0.469	0.538	0.497	0.584	0.591	0.628	0.551	10.99
40)	TM	Benzene	1.287	1.573	1.398	1.535	1.579	1.606	1.496	8.45
41)	T	Methacrylonitrile	0.253	0.210	0.215	0.198	0.199	0.228	0.217	9.60
42)	TM	1,2-Dichloroet...	0.426	0.508	0.446	0.485	0.495	0.506	0.478	7.12
43)	T	Isopropyl Acetate	0.687	0.775	0.726	0.809	0.823	0.858	0.780	8.19
44)	TM	Trichloroethene	0.293	0.378	0.333	0.368	0.376	0.388	0.356	10.22
45)	C	1,2-Dichloropr...	0.351	0.434	0.383	0.416	0.423	0.434	0.407	8.12#
46)	T	Dibromomethane	0.185	0.252	0.230	0.247	0.254	0.257	0.237	11.54
47)	T	Bromodichlorom...	0.436	0.518	0.460	0.517	0.524	0.541	0.499	8.29
48)	T	Methyl methacr...	0.261	0.315	0.317	0.373	0.378	0.408	0.342	15.73
49)	T	1,4-Dioxane	0.061	0.069	0.078	0.102	0.091	0.095	0.083	19.34
50)	S	Toluene-d8		1.237	1.107	1.243	1.215	1.304	1.221	5.91
51)	T	4-Methyl-2-Pen...	1.708	2.069	2.078	2.346	2.388	2.498	2.181	13.26
52)	CM	Toluene	0.693	0.878	0.840	0.930	0.953	0.978	0.879	11.82#
53)	T	t-1,3-Dichloro...	0.395	0.513	0.494	0.569	0.578	0.613	0.527	14.81
54)	T	cis-1,3-Dichlo...	0.478	0.604	0.557	0.634	0.649	0.680	0.600	12.20
55)	T	1,1,2-Trichlor...	0.273	0.372	0.330	0.367	0.368	0.378	0.348	11.56
56)	T	Ethyl methacry...	0.244	0.394	0.413	0.522	0.531	0.581	0.448	27.57

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57)	T	1,3-Dichloropr...	0.474	0.603	0.548	0.613	0.626	0.649	0.585	10.97
58)	T	2-Chloroethyl ...	0.224	0.293	0.290	0.447	0.420	0.506	0.363	30.20
59)	T	2-Hexanone	0.504	1.021	1.226	1.553	1.576	1.727	1.268	35.87
60)	T	Dibromochlorom...	0.282	0.376	0.348	0.395	0.399	0.418	0.370	13.30
61)	T	1,2-Dibromoethane	0.252	0.351	0.317	0.371	0.372	0.388	0.342	14.74
62)	S	4-Bromofluorob...		0.356	0.355	0.454	0.435	0.491	0.418	14.46
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.352	0.378	0.328	0.349	0.356	0.354	0.353	4.53
65)	PM	Chlorobenzene	0.883	1.051	0.942	1.064	1.064	1.097	1.017	8.29
66)	T	1,1,1,2-Tetrac...	0.296	0.379	0.354	0.386	0.394	0.405	0.369	10.68
67)	C	Ethyl Benzene	1.340	1.682	1.630	1.895	1.924	2.015	1.748	14.23#
68)	T	m/p-Xylenes	0.947	1.221	1.238	1.437	1.452	1.523	1.303	16.32
69)	T	o-Xylene	0.484	0.612	0.607	0.700	0.705	0.742	0.642	14.69
70)	T	Styrene	0.541	0.831	0.935	1.147	1.166	1.267	0.981	27.42
71)	P	Bromoform	0.180	0.276	0.263	0.314	0.312	0.334	0.280	19.77
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.934	3.641	3.497	3.750	3.688	3.812	3.554	9.06
74)	T	N-amyl acetate			0.262	0.861	0.956	1.303	0.845	51.20
75)	P	1,1,2,2-Tetrac...	1.061	1.375	1.217	1.180	1.172	1.190	1.199	8.47
76)	T	1,2,3-Trichlor...	1.081	1.054	1.016	1.052	1.107	1.109	1.070	3.37
77)	T	Bromobenzene	0.753	0.984	0.899	0.952	0.942	0.987	0.919	9.52
78)	T	n-propylbenzene	2.855	3.798	3.927	4.331	4.307	4.548	3.961	15.36
79)	T	2-Chlorotoluene	1.457	2.789	2.470	2.611	2.590	2.703	2.437	20.19
80)	T	1,3,5-Trimethy...	2.442	3.043	2.976	3.188	3.166	3.305	3.020	10.12
81)	T	trans-1,4-Dich...		0.206	0.273	0.323	0.325	0.379	0.301	21.63
82)	T	4-Chlorotoluene	1.786	2.418	2.401	2.590	2.626	2.796	2.436	14.37
83)	T	tert-Butylbenzene	2.920	2.615	2.505	2.685	2.633	2.786	2.691	5.39
84)	T	1,2,4-Trimethy...	2.358	2.750	2.802	3.074	3.085	3.264	2.889	11.19
85)	T	sec-Butylbenzene	2.879	3.212	3.203	3.612	3.572	3.805	3.381	10.09
86)	T	p-Isopropyltol...	1.932	2.641	2.726	3.108	3.105	3.365	2.813	18.06
87)	T	1,3-Dichlorobe...	1.293	1.575	1.478	1.608	1.621	1.712	1.548	9.43
88)	T	1,4-Dichlorobe...	2.025	1.506	1.455	1.640	1.628	1.727	1.663	12.15
89)	T	n-Butylbenzene	2.724	2.272	2.143	2.475	2.538	2.880	2.505	10.95
90)	T	Hexachloroethane	0.642	0.659	0.581	0.620	0.618	0.655	0.629	4.61
91)	T	1,2-Dichlorobe...	1.572	1.616	1.492	1.573	1.590	1.639	1.580	3.19
92)	T	1,2-Dibromo-3-...	0.250	0.268	0.184	0.191	0.186	0.204	0.214	16.83
93)	T	1,2,4-Trichlor...	1.534	0.797	0.797	0.883	0.913	0.984	0.985	28.30
94)	T	Hexachlorobuta...	0.545	0.505	0.447	0.478	0.468	0.485	0.488	6.93
95)	T	Naphthalene	5.387	1.812	1.866	2.233	2.195	2.394	2.648	51.39
96)	T	1,2,3-Trichlor...	1.630	0.808	0.753	0.862	0.860	0.911	0.971	33.73

(#) = Out of Range