Response Factor Report 7890

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N060421W.M
Title : SW846 8260
Last Update : Fri Jun 04 19:00:20 2021
Response Via : Initial Calibration

Calibration Files
5 =VN067200.D 10 =VN067201.D 20 =VN067202.D 50 =VN067203.D 100 =VN067204.D 150 =VN067205.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.764	0.513	0.504	0.496	0.534	0.568	0.563	18.05
3)	P	Chloromethane	0.880	0.696	0.750	0.713	0.628	0.586	0.709	14.50
4)	C	Vinyl Chloride	1.105	0.931	0.910	0.867	0.821	0.756	0.898	13.29#
5)	T	Bromomethane	0.824	0.706	0.681	0.666	0.684	0.526	0.681	13.97
6)	T	Chloroethane	0.746	0.663	0.625	0.610	0.580	0.514	0.623	12.55
7)	T	Trichlorofluor...	1.075	0.790	0.761	0.737	0.803	0.817	0.830	14.82
8)	T	Diethyl Ether	0.406	0.311	0.291	0.285	0.317	0.316	0.321	13.58
9)	T	1,1,2-Trichlor...	0.617	0.458	0.432	0.422	0.464	0.468	0.477	14.91
10)	T	Methyl Iodide	0.654	0.539	0.532	0.580	0.668	0.690	0.611	11.25
11)	T	Tert butyl alc...	0.133	0.109	0.096	0.108	0.112	0.113	0.112	10.51
12)	CM	1,1-Dichloroet...	0.608	0.449	0.440	0.428	0.461	0.474	0.477	13.90#
13)	T	Acrolein	0.088	0.031	0.034	0.030	0.036	0.039	0.043	52.12
14)	T	Allyl chloride	0.991	0.817	0.811	0.837	0.894	0.881	0.872	7.73
15)	T	Acrylonitrile	0.283	0.228	0.217	0.236	0.252	0.255	0.245	9.56
16)	T	Acetone	0.309	0.266	0.224	0.203	0.207	0.203	0.235	18.35
17)	T	Carbon Disulfide	1.673	1.276	1.242	1.282	1.432	1.451	1.393	11.66
18)	T	Methyl Acetate	0.764	0.636	0.608	0.645	0.676	0.670	0.667	8.04
19)	T	Methyl tert-bu...	1.928	1.556	1.510	1.655	1.760	1.750	1.693	9.03
20)	T	Methylene Chlo...	0.751	0.561	0.506	0.543	0.594	0.598	0.592	14.37
21)	T	trans-1,2-Dich...	0.663	0.501	0.490	0.533	0.575	0.564	0.554	11.34
22)	T	Diisopropyl ether	1.789	1.506	1.536	1.691	1.790	1.718	1.672	7.39
23)	T	Vinyl Acetate	1.808	1.492	1.469	1.626	1.698	1.659	1.625	7.86
24)	P	1,1-Dichloroet...	1.157	0.938	0.913	0.984	1.035	1.028	1.009	8.59
25)	T	2-Butanone	0.433	0.374	0.342	0.365	0.376	0.371	0.377	8.01
26)	T	2,2-Dichloropr...	1.133	0.915	0.881	0.968	0.990	0.964	0.975	8.92
27)	T	cis-1,2-Dichlo...	0.745	0.580	0.569	0.636	0.667	0.655	0.642	10.00
28)	T	Bromochloromet...	0.567	0.470	0.443	0.482	0.509	0.519	0.498	8.70
29)	T	Tetrahydrofuran	0.239	0.216	0.197	0.231	0.233	0.227	0.224	6.71
30)	C	Chloroform	1.162	0.994	1.010	1.125	1.146	1.115	1.092	6.58#
31)	T	Cyclohexane	1.200	0.895	0.830	0.879	0.862	0.825	0.915	15.55
32)	T	1,1,1-Trichlor...	1.124	0.938	0.943	1.038	1.058	1.017	1.020	6.94
33)	S	1,2-Dichloroet...	0.733	0.643	0.627	0.682	0.697	0.708	0.682	5.91
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.350	0.283	0.277	0.303	0.318	0.330	0.310	9.00
36)	T	1,1-Dichloropr...	0.501	0.431	0.426	0.468	0.477	0.468	0.462	6.21
37)	T	Ethyl Acetate	0.502	0.404	0.402	0.441	0.460	0.463	0.445	8.60
38)	T	Carbon Tetrach...	0.554	0.457	0.441	0.526	0.529	0.519	0.504	8.87
39)	T	Methylcyclohexane	0.560	0.476	0.470	0.546	0.548	0.538	0.523	7.50
40)	TM	Benzene	1.569	1.325	1.318	1.464	1.480	1.441	1.433	6.73
41)	T	Methacrylonitrile	0.257	0.215	0.213	0.232	0.240	0.226	0.230	7.21
42)	TM	1,2-Dichloroet...	0.539	0.440	0.449	0.514	0.510	0.499	0.492	7.93
43)	T	Isopropyl Acetate	0.932	0.824	0.774	0.863	0.853	0.832	0.846	6.15
44)	TM	Trichloroethene	0.393	0.325	0.317	0.368	0.386	0.374	0.361	8.89
45)	C	1,2-Dichloropr...	0.397	0.327	0.321	0.366	0.369	0.360	0.357	7.92#
46)	T	Dibromomethane	0.268	0.227	0.230	0.254	0.266	0.265	0.252	7.36
47)	T	Bromodichlorom...	0.531	0.468	0.466	0.527	0.545	0.539	0.513	7.01
48)	T	Methyl methacr...	0.398	0.340	0.317	0.358	0.396	0.392	0.367	9.26
49)	T	1,4-Dioxane	0.006	0.005	0.005	0.006	0.006	0.006	0.006	7.86
50)	S	Toluene-d8	1.316	1.160	1.125	1.265	1.321	1.387	1.262	8.03
51)	T	4-Methyl-2-Pen...	0.515	0.480	0.453	0.502	0.510	0.516	0.496	5.00
52)	CM	Toluene	0.943	0.843	0.860	0.990	1.021	1.014	0.945	8.23#
53)	T	t-1,3-Dichloro...	0.631	0.532	0.543	0.635	0.647	0.640	0.605	8.65
54)	T	cis-1,3-Dichlo...	0.633	0.554	0.548	0.633	0.654	0.647	0.612	7.77
55)	T	1,1,2-Trichlor...	0.380	0.333	0.322	0.371	0.376	0.371	0.359	6.93
56)	T	Ethyl methacry...	0.596	0.519	0.537	0.611	0.623	0.627	0.585	7.89

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57)	T	1,3-Dichloropr...	0.611	0.544	0.544	0.614	0.621	0.614	0.591	6.22
58)	T	2-Chloroethyl ...	0.098	0.112	0.102	0.131	0.148	0.156	0.124	19.69
59)	T	2-Hexanone	0.380	0.346	0.332	0.370	0.365	0.371	0.361	4.99
60)	T	Dibromochlorom...	0.415	0.383	0.384	0.449	0.459	0.454	0.424	8.21
61)	T	1,2-Dibromoethane	0.388	0.342	0.345	0.395	0.400	0.394	0.377	7.06
62)	S	4-Bromofluorob...	0.515	0.422	0.414	0.497	0.518	0.551	0.486	11.44
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.376	0.317	0.301	0.351	0.356	0.340	0.340	8.00
65)	PM	Chlorobenzene	1.172	0.969	0.969	1.071	1.115	1.099	1.066	7.70
66)	T	1,1,1,2-Tetrac...	0.429	0.365	0.373	0.414	0.433	0.419	0.405	7.21
67)	C	Ethyl Benzene	2.105	1.822	1.769	1.994	2.074	2.002	1.961	6.93#
68)	T	m/p-Xylenes	0.809	0.705	0.705	0.787	0.819	0.794	0.770	6.70
69)	T	o-Xylene	0.781	0.679	0.679	0.769	0.803	0.801	0.752	7.71
70)	T	Styrene	1.280	1.102	1.169	1.311	1.418	1.427	1.284	10.19
71)	P	Bromoform	0.318	0.283	0.298	0.349	0.376	0.379	0.334	12.16
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.498	3.699	3.305	3.682	3.890	3.752	3.805	10.29
74)	T	N-amyl acetate	1.777	1.490	1.377	1.501	1.543	1.511	1.533	8.60
75)	P	1,1,2,2-Tetrac...	1.270	1.061	0.976	1.076	1.078	1.041	1.084	9.12
76)	T	1,2,3-Trichlor...	1.046	0.983	0.904	0.979	1.011	0.846	0.962	7.65
77)	T	Bromobenzene	1.028	0.794	0.772	0.855	0.894	0.855	0.866	10.48
78)	T	n-propylbenzene	5.229	4.202	3.915	4.348	4.554	4.351	4.433	10.00
79)	T	2-Chlorotoluene	2.943	2.504	2.379	2.706	2.839	2.777	2.692	7.88
80)	T	1,3,5-Trimethy...	3.796	3.113	2.948	3.220	3.403	3.286	3.294	8.81
81)	T	trans-1,4-Dich...	0.448	0.363	0.350	0.383	0.410	0.404	0.393	9.02
82)	T	4-Chlorotoluene	2.971	2.435	2.295	2.590	2.650	2.564	2.584	8.84
83)	T	tert-Butylbenzene	3.202	2.687	2.460	2.811	2.939	2.818	2.820	8.80
84)	T	1,2,4-Trimethy...	3.688	3.057	2.976	3.246	3.402	3.289	3.276	7.78
85)	T	sec-Butylbenzene	4.418	3.744	3.482	3.885	4.041	3.914	3.914	7.97
86)	T	p-Isopropyltol...	3.844	3.251	3.102	3.427	3.611	3.551	3.464	7.65
87)	T	1,3-Dichlorobe...	1.719	1.533	1.503	1.687	1.749	1.719	1.652	6.42
88)	T	1,4-Dichlorobe...	1.847	1.526	1.487	1.687	1.755	1.716	1.670	8.27
89)	T	n-Butylbenzene	3.515	2.946	2.798	3.071	3.208	3.170	3.118	7.89
90)	T	Hexachloroethane	0.684	0.575	0.529	0.590	0.609	0.588	0.596	8.53
91)	T	1,2-Dichlorobe...	1.711	1.509	1.460	1.660	1.728	1.695	1.627	7.00
92)	T	1,2-Dibromo-3-...	0.234	0.210	0.208	0.241	0.227	0.226	0.224	5.80
93)	T	1,2,4-Trichlor...	0.692	0.624	0.645	0.809	0.858	0.860	0.748	14.31
94)	T	Hexachlorobuta...	0.488	0.375	0.379	0.437	0.440	0.424	0.424	10.02
95)	T	Naphthalene	1.225	1.451	1.685	2.210	2.293	2.387	1.875	26.00
96)	T	1,2,3-Trichlor...	0.541	0.538	0.581	0.752	0.778	0.792	0.664	18.46

(#) = Out of Range