Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D112921S.M
Title : SW846 8260
Last Update : Mon Nov 29 17:54:09 2021
Response Via : Initial Calibration

Calibration Files
10 =VD071073.D 5 =VD071072.D 20 =VD071074.D 50 =VD071075.D 100 =VD071076.D 150 =VD071077.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.426	0.481	0.451	0.392	0.398	0.410	0.426	8.05
3)	P	Chloromethane	0.530	0.657	0.572	0.533	0.538	0.554	0.564	8.51
4)	C	Vinyl Chloride	0.617	0.647	0.614	0.620	0.627	0.652	0.629	2.55#
5)	T	Bromomethane	0.429	0.549	0.427	0.427	0.433	0.457	0.454	10.55
6)	T	Chloroethane	0.394	0.456	0.424	0.438	0.436	0.450	0.433	5.12
7)	T	Trichlorofluor...	0.788	0.949	0.806	0.845	0.846	0.881	0.853	6.77
8)	T	Diethyl Ether	0.197	0.236	0.218	0.229	0.249	0.257	0.231	9.36
9)	T	1,1,2-Trichlor...	0.448	0.573	0.473	0.502	0.504	0.518	0.503	8.44
10)	T	Methyl Iodide	0.393	0.425	0.439	0.559	0.605	0.631	0.509	20.04
11)	T	Tert butyl alc...	0.069	0.141	0.070	0.037	0.035	0.039	0.065	62.16
12)	CM	1,1-Dichloroet...	0.455	0.509	0.421	0.452	0.468	0.480	0.464	6.39#
13)	T	Acrolein	0.040	0.036	0.047	0.034	0.040	0.043	0.040	11.89
14)	T	Allyl chloride	0.747	0.934	0.822	0.890	0.923	0.974	0.882	9.44
15)	T	Acrylonitrile	0.093	0.104	0.113	0.108	0.121	0.136	0.112	13.12
16)	T	Acetone	0.099	0.165	0.107	0.135	0.157	0.177	0.140	22.71
17)	T	Carbon Disulfide	1.226	1.546	1.353	1.324	1.332	1.374	1.359	7.72
18)	T	Methyl Acetate	0.365	0.431	0.447	0.387	0.441	0.526	0.433	12.94
19)	T	Methyl tert-bu...	0.974	1.112	1.057	1.120	1.232	1.330	1.138	11.12
20)	T	Methylene Chlo...	0.788	1.297	0.635	0.574	0.564	0.563	0.737	39.04
21)	T	trans-1,2-Dich...	0.464	0.581	0.478	0.524	0.534	0.553	0.523	8.50
22)	T	Diisopropyl ether	1.462	1.791	1.604	1.791	1.915	2.036	1.766	11.73
23)	T	Vinyl Acetate	0.657	0.729	0.756	0.851	0.964	1.065	0.837	18.43
24)	P	1,1-Dichloroet...	0.909	1.074	0.921	1.040	1.053	1.100	1.016	7.95
25)	T	2-Butanone	0.122	0.157	0.150	0.154	0.178	0.204	0.161	17.11
26)	T	2,2-Dichloropr...	0.836	1.026	0.821	0.934	0.944	0.984	0.924	8.77
27)	T	cis-1,2-Dichlo...	0.511	0.626	0.530	0.613	0.622	0.645	0.591	9.47
28)	T	Bromochloromet...	0.426	0.432	0.465	0.441	0.446	0.437	0.441	3.06
29)	T	Tetrahydrofuran	0.079	0.085	0.093	0.085	0.100	0.116	0.093	14.28
30)	C	Chloroform	0.896	1.063	0.944	1.042	1.074	1.099	1.020	7.93#
31)	T	Cyclohexane	0.964	1.257	0.914	0.943	0.938	0.972	0.998	12.87
32)	T	1,1,1-Trichlor...	0.806	0.974	0.824	0.944	0.960	0.985	0.915	8.65
33)	S	1,2-Dichloroet...	0.664	0.629	0.613	0.532	0.544	0.538	0.587	9.57
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.355	0.329	0.322	0.305	0.308	0.292	0.318	6.97
36)	T	1,1-Dichloropr...	0.404	0.507	0.431	0.471	0.482	0.508	0.467	8.97
37)	T	Ethyl Acetate	0.173	0.207	0.186	0.181	0.220	0.244	0.202	13.45
38)	T	Carbon Tetrach...	0.405	0.464	0.416	0.466	0.496	0.517	0.461	9.51
39)	T	Methylcyclohexane	0.485	0.626	0.499	0.565	0.593	0.606	0.562	10.33
40)	TM	Benzene	1.093	1.346	1.144	1.275	1.354	1.405	1.269	9.87
41)	T	Methacrylonitrile	0.097	0.112	0.120	0.102	0.122	0.163	0.119	19.73
42)	TM	1,2-Dichloroet...	0.336	0.377	0.365	0.382	0.421	0.444	0.387	10.14
43)	T	Isopropyl Acetate	0.322	0.361	0.379	0.383	0.446	0.495	0.398	15.71
44)	TM	Trichloroethene	0.293	0.371	0.307	0.341	0.356	0.362	0.338	9.27
45)	C	1,2-Dichloropr...	0.293	0.333	0.305	0.341	0.360	0.372	0.334	9.12#
46)	T	Dibromomethane	0.148	0.173	0.161	0.169	0.189	0.199	0.173	10.72
47)	T	Bromodichlorom...	0.380	0.471	0.413	0.461	0.508	0.515	0.458	11.55
48)	T	Methyl methacr...	0.164	0.180	0.187	0.190	0.219	0.245	0.198	14.91
49)	T	1,4-Dioxane	0.002	0.001	0.002	0.002	0.002	0.002	0.002	12.87
50)	S	Toluene-d8	1.294	1.354	1.220	1.140	1.142	1.121	1.212	7.85
51)	T	4-Methyl-2-Pen...	0.160	0.174	0.194	0.189	0.224	0.261	0.200	18.27
52)	CM	Toluene	0.681	0.822	0.704	0.825	0.879	0.922	0.805	11.80#
53)	T	t-1,3-Dichloro...	0.336	0.402	0.379	0.429	0.470	0.510	0.421	14.91
54)	T	cis-1,3-Dichlo...	0.411	0.497	0.450	0.512	0.547	0.584	0.500	12.57
55)	T	1,1,2-Trichlor...	0.193	0.229	0.214	0.220	0.244	0.263	0.227	10.68
56)	T	Ethyl methacry...	0.219	0.257	0.266	0.275	0.331	0.370	0.286	19.05

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57)	T	1,3-Dichloropr...	0.326	0.384	0.370	0.400	0.446	0.469	0.399	13.06
58)	T	2-Chloroethyl ...	0.141	0.144	0.167	0.140	0.162	0.175	0.155	9.84
59)	T	2-Hexanone	0.106	0.131	0.132	0.141	0.173	0.198	0.147	22.61
60)	T	Dibromochlorom...	0.235	0.273	0.256	0.279	0.312	0.339	0.282	13.45
61)	T	1,2-Dibromoethane	0.182	0.212	0.206	0.212	0.239	0.258	0.218	12.16
62)	S	4-Bromofluorob...	0.440	0.448	0.419	0.398	0.411	0.403	0.420	4.83
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.284	0.368	0.280	0.320	0.320	0.332	0.317	10.28
65)	PM	Chlorobenzene	0.818	0.983	0.794	0.952	0.988	1.032	0.928	10.56
66)	T	1,1,1,2-Tetrac...	0.276	0.336	0.307	0.345	0.372	0.395	0.339	12.69
67)	C	Ethyl Benzene	1.446	1.815	1.501	1.810	1.909	1.997	1.746	12.78#
68)	T	m/p-Xylenes	0.554	0.678	0.562	0.684	0.724	0.754	0.659	12.63
69)	T	o-Xylene	0.509	0.627	0.539	0.641	0.687	0.715	0.620	13.09
70)	T	Styrene	0.844	1.007	0.908	1.094	1.178	1.237	1.044	14.69
71)	P	Bromoform	0.143	0.166	0.162	0.173	0.195	0.214	0.175	14.30
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.070	3.836	3.102	3.820	3.859	4.036	3.620	11.64
74)	T	N-amyl acetate	0.709	0.787	0.783	0.872	0.982	1.120	0.876	17.32
75)	P	1,1,2,2-Tetrac...	0.501	0.570	0.576	0.602	0.626	0.703	0.596	11.29
76)	T	1,2,3-Trichlor...	0.367	0.470	0.488	0.435	0.562	0.535	0.476	14.73
77)	T	Bromobenzene	0.681	0.839	0.708	0.807	0.805	0.865	0.784	9.36
78)	T	n-propylbenzene	3.843	4.782	3.887	4.766	4.762	5.012	4.509	11.26
79)	T	2-Chlorotoluene	2.145	2.722	2.186	2.628	2.671	2.831	2.530	11.50
80)	T	1,3,5-Trimethy...	2.482	3.104	2.582	3.173	3.196	3.376	2.985	12.19
81)	T	trans-1,4-Dich...	0.133	0.166	0.172	0.178	0.199	0.232	0.180	18.52
82)	T	4-Chlorotoluene	2.220	2.782	2.252	2.737	2.799	2.973	2.627	11.95
83)	T	tert-Butylbenzene	2.109	2.836	2.177	2.708	2.721	2.833	2.564	12.92
84)	T	1,2,4-Trimethy...	2.402	2.907	2.565	3.105	3.187	3.323	2.915	12.49
85)	T	sec-Butylbenzene	3.268	4.210	3.388	4.153	4.176	4.300	3.916	11.74
86)	T	p-Isopropyltol...	2.591	3.401	2.742	3.425	3.480	3.577	3.203	13.19
87)	T	1,3-Dichlorobe...	1.342	1.628	1.343	1.650	1.675	1.728	1.561	11.04
88)	T	1,4-Dichlorobe...	1.340	1.651	1.356	1.603	1.634	1.696	1.547	10.14
89)	T	n-Butylbenzene	2.672	3.263	2.596	3.388	3.384	3.457	3.127	12.39
90)	T	Hexachloroethane	0.527	0.617	0.520	0.653	0.659	0.667	0.607	11.04
91)	T	1,2-Dichlorobe...	1.133	1.381	1.186	1.379	1.410	1.476	1.328	10.22
92)	T	1,2-Dibromo-3-...	0.089	0.088	0.095	0.093	0.102	0.115	0.097	10.60
93)	T	1,2,4-Trichlor...	0.717	0.868	0.739	0.879	0.874	0.891	0.828	9.47
94)	T	Hexachlorobuta...	0.421	0.530	0.399	0.504	0.475	0.481	0.469	10.63
95)	T	Naphthalene	1.173	1.353	1.335	1.507	1.615	1.776	1.460	14.87
96)	T	1,2,3-Trichlor...	0.589	0.771	0.613	0.743	0.745	0.759	0.703	11.40

(#) = Out of Range