Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D051722S.M
Title : SW846 8260
Last Update : Tue May 17 13:03:08 2022
Response Via : Initial Calibration

Calibration Files
10 =VD073053.D 5 =VD073052.D 20 =VD073054.D 50 =VD073055.D 100 =VD073056.D 150 =VD073057.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.687	0.680	0.679	0.515	0.630	0.560	0.625	11.54
3)	P	Chloromethane	0.696	0.634	0.686	0.567	0.667	0.618	0.645	7.52
4)	C	Vinyl Chloride	0.608	0.560	0.637	0.538	0.640	0.574	0.593	7.13#
5)	T	Bromomethane	0.450	0.464	0.430	0.378	0.435	0.370	0.421	9.09
6)	T	Chloroethane	0.387	0.365	0.373	0.331	0.404	0.355	0.369	6.83
7)	T	Trichlorofluor...	1.100	1.094	1.119	0.967	1.176	1.052	1.085	6.49
8)	T	Diethyl Ether	0.287	0.235	0.299	0.286	0.341	0.333	0.297	12.82
9)	T	1,1,2-Trichlor...	0.648	0.660	0.659	0.571	0.694	0.622	0.642	6.53
10)	T	Methyl Iodide	0.540	0.480	0.618	0.641	0.829	0.785	0.649	20.96
11)	T	Tert butyl alc...	0.145	0.160	0.112	0.058	0.054	0.051	0.097	51.01
12)	CM	1,1-Dichloroet...	0.571	0.537	0.584	0.530	0.666	0.598	0.581	8.50#
13)	T	Acrolein	0.056	0.021	0.061	0.053	0.061	0.061	0.052	29.81
14)	T	Allyl chloride	0.857	0.781	0.911	0.865	1.095	1.013	0.920	12.47
15)	T	Acrylonitrile	0.135	0.126	0.139	0.142	0.157	0.155	0.142	8.37
16)	T	Acetone	0.120	0.112	0.113	0.106	0.115	0.113	0.113	3.78
17)	T	Carbon Disulfide	1.955	1.845	2.019	1.782	2.151	1.921	1.946	6.71
18)	T	Methyl Acetate	0.318	0.500	0.324	0.302	0.347	0.353	0.357	20.31
19)	T	Methyl tert-bu...	1.259	1.101	1.336	1.345	1.568	1.542	1.359	12.94
20)	T	Methylene Chlo...	0.960	0.965	0.822	0.690	0.775	0.715	0.821	14.47
21)	T	trans-1,2-Dich...	0.669	0.628	0.709	0.656	0.775	0.709	0.691	7.49
22)	T	Diisopropyl ether	1.885	1.566	2.025	1.964	2.252	2.161	1.975	12.17
23)	T	Vinyl Acetate	0.997	0.715	1.084	1.097	1.267	1.243	1.067	18.79
24)	P	1,1-Dichloroet...	1.251	1.143	1.240	1.150	1.351	1.239	1.229	6.19
25)	T	2-Butanone	0.170	0.154	0.172	0.163	0.186	0.183	0.171	6.99
26)	T	2,2-Dichloropr...	1.029	0.993	1.035	0.958	1.165	1.064	1.041	6.82
27)	T	cis-1,2-Dichlo...	0.744	0.674	0.763	0.730	0.864	0.797	0.762	8.46
28)	T	Bromochloromet...	0.391	0.428	0.409	0.402	0.450	0.446	0.421	5.72
29)	T	Tetrahydrofuran	0.105	0.084	0.109	0.112	0.126	0.125	0.110	14.18
30)	C	Chloroform	1.360	1.271	1.319	1.228	1.406	1.306	1.315	4.79#
31)	T	Cyclohexane	1.099	1.087	1.140	1.006	1.278	1.146	1.126	7.97
32)	T	1,1,1-Trichlor...	1.118	1.076	1.130	1.052	1.251	1.132	1.127	6.10
33)	S	1,2-Dichloroet...	0.625	0.627	0.620	0.614	0.651	0.615	0.625	2.18
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.344	0.343	0.340	0.357	0.373	0.350	0.351	3.53
36)	T	1,1-Dichloropr...	0.566	0.517	0.565	0.536	0.659	0.590	0.572	8.70
37)	T	Ethyl Acetate	0.244	0.193	0.236	0.239	0.266	0.264	0.240	10.99
38)	T	Carbon Tetrach...	0.581	0.513	0.593	0.554	0.670	0.601	0.585	8.95
39)	T	Methylcyclohexane	0.588	0.529	0.642	0.640	0.845	0.757	0.667	17.29
40)	TM	Benzene	1.615	1.440	1.636	1.582	1.852	1.689	1.636	8.26
41)	T	Methacrylonitrile	0.139	0.127	0.114	0.140	0.137	0.156	0.135	10.33
42)	TM	1,2-Dichloroet...	0.479	0.445	0.468	0.463	0.518	0.484	0.476	5.20
43)	T	Isopropyl Acetate	0.426	0.358	0.433	0.442	0.509	0.510	0.447	12.82
44)	TM	Trichloroethene	0.438	0.414	0.431	0.412	0.504	0.456	0.442	7.74
45)	C	1,2-Dichloropr...	0.427	0.391	0.418	0.407	0.471	0.434	0.425	6.47#
46)	T	Dibromomethane	0.244	0.211	0.234	0.225	0.254	0.241	0.235	6.42
47)	T	Bromodichlorom...	0.580	0.580	0.590	0.574	0.649	0.606	0.597	4.66
48)	T	Methyl methacr...	0.191	0.153	0.224	0.232	0.266	0.264	0.222	19.72
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.003	0.003	0.002	11.61
50)	S	Toluene-d8	1.200	1.158	1.218	1.324	1.413	1.329	1.274	7.61
51)	T	4-Methyl-2-Pen...	0.223	0.184	0.230	0.238	0.265	0.259	0.233	12.54
52)	CM	Toluene	0.971	0.891	1.035	1.021	1.209	1.104	1.038	10.54#
53)	T	t-1,3-Dichloro...	0.522	0.453	0.525	0.535	0.624	0.606	0.544	11.49
54)	T	cis-1,3-Dichlo...	0.624	0.529	0.645	0.627	0.732	0.692	0.641	10.79
55)	T	1,1,2-Trichlor...	0.314	0.306	0.320	0.310	0.345	0.328	0.321	4.52
56)	T	Ethyl methacry...	0.313	0.265	0.337	0.380	0.443	0.437	0.363	19.46

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57)	T	1,3-Dichloropr...	0.545	0.487	0.538	0.531	0.599	0.571	0.545	6.94
58)	T	2-Chloroethyl ...	0.127	0.120	0.149	0.177	0.208	0.205	0.165	23.28
59)	T	2-Hexanone	0.140	0.117	0.149	0.160	0.180	0.177	0.154	15.43
60)	T	Dibromochlorom...	0.387	0.370	0.400	0.385	0.435	0.414	0.398	5.85
61)	T	1,2-Dibromoethane	0.294	0.288	0.303	0.295	0.344	0.326	0.308	7.12
62)	S	4-Bromofluorob...	0.425	0.414	0.456	0.478	0.507	0.487	0.461	7.88
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.363	0.332	0.381	0.346	0.412	0.363	0.366	7.59
65)	PM	Chlorobenzene	1.118	1.002	1.142	1.097	1.277	1.166	1.134	7.95
66)	T	1,1,1,2-Tetrac...	0.427	0.414	0.436	0.412	0.474	0.436	0.433	5.16
67)	C	Ethyl Benzene	1.843	1.593	1.935	1.986	2.359	2.127	1.974	13.13#
68)	T	m/p-Xylenes	0.712	0.593	0.780	0.769	0.915	0.821	0.765	14.13
69)	T	o-Xylene	0.633	0.523	0.710	0.718	0.866	0.782	0.706	16.80
70)	T	Styrene	1.124	0.929	1.248	1.278	1.467	1.348	1.232	15.17
71)	P	Bromoform	0.225	0.202	0.225	0.228	0.252	0.237	0.228	7.23
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.375	2.856	3.709	3.820	4.704	4.276	3.790	17.20
74)	T	N-amyl acetate	0.778	0.681	0.840	0.930	1.053	1.033	0.886	16.54
75)	P	1,1,2,2-Tetrac...	0.745	0.670	0.746	0.745	0.810	0.768	0.747	6.08
76)	T	1,2,3-Trichlor...	0.437	0.553	0.644	0.548	0.700	0.550	0.572	15.89
77)	T	Bromobenzene	0.859	0.783	0.892	0.906	1.027	0.958	0.904	9.26
78)	T	n-propylbenzene	4.294	3.631	4.792	4.824	5.795	5.219	4.759	15.67
79)	T	2-Chlorotoluene	2.534	2.288	2.780	2.780	3.264	2.991	2.773	12.30
80)	T	1,3,5-Trimethy...	2.944	2.403	3.270	3.269	3.942	3.544	3.229	16.24
81)	T	trans-1,4-Dich...	0.216	0.198	0.226	0.242	0.270	0.263	0.236	11.78
82)	T	4-Chlorotoluene	2.774	2.430	2.931	2.912	3.432	3.126	2.934	11.46
83)	T	tert-Butylbenzene	2.441	2.020	2.701	2.739	3.422	3.086	2.735	17.87
84)	T	1,2,4-Trimethy...	2.936	2.423	3.268	3.274	3.852	3.520	3.212	15.31
85)	T	sec-Butylbenzene	3.776	3.178	4.149	4.138	5.133	4.534	4.151	15.97
86)	T	p-Isopropyltol...	3.004	2.482	3.377	3.440	4.225	3.732	3.377	17.71
87)	T	1,3-Dichlorobe...	1.834	1.648	1.873	1.833	2.074	1.889	1.859	7.36
88)	T	1,4-Dichlorobe...	1.868	1.677	1.820	1.791	2.007	1.856	1.837	5.87
89)	T	n-Butylbenzene	2.890	2.517	3.260	3.322	4.100	3.615	3.284	16.80
90)	T	Hexachloroethane	0.679	0.627	0.708	0.673	0.795	0.728	0.702	8.14
91)	T	1,2-Dichlorobe...	1.568	1.441	1.628	1.587	1.795	1.652	1.612	7.18
92)	T	1,2-Dibromo-3-...	0.121	0.095	0.122	0.115	0.123	0.121	0.116	9.41
93)	T	1,2,4-Trichlor...	0.811	0.748	0.930	0.935	1.077	1.019	0.920	13.41
94)	T	Hexachlorobuta...	0.520	0.454	0.506	0.492	0.590	0.519	0.513	8.72
95)	T	Naphthalene	1.375	1.114	1.571	1.762	2.120	2.054	1.666	23.46
96)	T	1,2,3-Trichlor...	0.758	0.661	0.794	0.830	0.960	0.896	0.817	12.87

(#) = Out of Range