Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D082322S.M
Title : SW846 8260
Last Update : Tue Aug 23 13:12:17 2022
Response Via : Initial Calibration

Calibration Files
10 =VD074181.D 5 =VD074180.D 20 =VD074182.D 50 =VD074183.D 100 =VD074184.D 150 =VD074185.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.409	0.511	0.389	0.413	0.404	0.391	0.420	10.95
3)	P	Chloromethane	0.286	0.314	0.269	0.310	0.307	0.308	0.299	5.88
4)	C	Vinyl Chloride	0.299	0.304	0.274	0.343	0.337	0.327	0.314	8.38#
5)	T	Bromomethane	0.202	0.212	0.169	0.216	0.211	0.206	0.203	8.51
6)	T	Chloroethane	0.193	0.202	0.184	0.223	0.215	0.205	0.204	6.97
7)	T	Trichlorofluor...	0.857	0.969	0.863	0.957	0.925	0.899	0.912	5.16
8)	T	Diethyl Ether	0.226	0.233	0.236	0.259	0.263	0.253	0.245	6.24
9)	T	1,1,2-Trichlor...	0.538	0.590	0.519	0.578	0.554	0.531	0.552	5.07
10)	T	Methyl Iodide	0.523	0.489	0.524	0.726	0.709	0.660	0.605	17.38
11)	T	Tert butyl alc...	0.034	0.033	0.032	0.030	0.031	0.032	0.032	4.29
12)	CM	1,1-Dichloroet...	0.439	0.491	0.453	0.536	0.527	0.513	0.493	8.06#
13)	T	Acrolein	0.019	0.016	0.019	0.012	0.012	0.012	0.015	25.11
14)	T	Allyl chloride	0.745	0.695	0.725	0.846	0.822	0.801	0.772	7.69
15)	T	Acrylonitrile	0.113	0.105	0.112	0.119	0.118	0.117	0.114	4.56
16)	T	Acetone	0.090	0.098	0.095	0.107	0.104	0.089	0.097	7.38
17)	T	Carbon Disulfide	1.239	1.280	1.167	1.706	1.660	1.613	1.444	16.67
18)	T	Methyl Acetate	0.284	0.412	0.285	0.292	0.288	0.280	0.307	16.89
19)	T	Methyl tert-bu...	1.148	1.088	1.153	1.232	1.245	1.223	1.181	5.20
20)	T	Methylene Chlo...	0.878	1.187	0.694	0.654	0.594	0.568	0.762	30.83
21)	T	trans-1,2-Dich...	0.529	0.553	0.534	0.637	0.615	0.593	0.577	7.77
22)	T	Diisopropyl ether	1.592	1.405	1.593	1.689	1.646	1.579	1.584	6.14
23)	T	Vinyl Acetate	0.763	0.578	0.774	0.907	0.923	0.913	0.810	16.56
24)	P	1,1-Dichloroet...	1.052	1.064	1.018	1.088	1.040	1.004	1.044	2.92
25)	T	2-Butanone	0.152	0.157	0.146	0.155	0.152	0.142	0.151	3.55
26)	T	2,2-Dichloropr...	0.921	0.970	0.919	0.975	0.948	0.912	0.941	2.92
27)	T	cis-1,2-Dichlo...	0.624	0.641	0.615	0.692	0.670	0.647	0.648	4.42
28)	T	Bromochloromet...	0.317	0.353	0.296	0.319	0.313	0.295	0.316	6.64
29)	T	Tetrahydrofuran	0.088	0.083	0.089	0.095	0.095	0.094	0.091	5.28
30)	C	Chloroform	1.130	1.098	1.100	1.153	1.083	1.042	1.101	3.47#
31)	T	Cyclohexane	0.849	0.952	0.790	0.994	0.949	0.922	0.909	8.31
32)	T	1,1,1-Trichlor...	1.023	1.043	0.985	1.052	1.027	0.993	1.020	2.61
33)	S	1,2-Dichloroet...	0.565	0.615	0.538	0.487	0.440	0.420	0.511	14.72
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.360	0.377	0.338	0.334	0.305	0.293	0.334	9.55
36)	T	1,1-Dichloropr...	0.442	0.480	0.476	0.561	0.542	0.533	0.505	9.15
37)	T	Ethyl Acetate	0.169	0.207	0.178	0.211	0.216	0.216	0.199	10.36
38)	T	Carbon Tetrach...	0.506	0.506	0.523	0.589	0.574	0.558	0.543	6.61
39)	T	Methylcyclohexane	0.463	0.491	0.525	0.673	0.654	0.655	0.577	16.34
40)	TM	Benzene	1.367	1.385	1.349	1.536	1.480	1.433	1.425	5.08
41)	T	Methacrylonitrile	0.119	0.108	0.137	0.125	0.115	0.114	0.120	8.65
42)	TM	1,2-Dichloroet...	0.404	0.407	0.420	0.439	0.430	0.419	0.420	3.15
43)	T	Isopropyl Acetate	0.389	0.386	0.388	0.411	0.413	0.418	0.401	3.67
44)	TM	Trichloroethene	0.404	0.431	0.378	0.435	0.415	0.416	0.413	4.96
45)	C	1,2-Dichloropr...	0.339	0.370	0.347	0.374	0.356	0.349	0.356	3.83#
46)	T	Dibromomethane	0.198	0.196	0.188	0.212	0.199	0.198	0.198	3.84
47)	T	Bromodichlorom...	0.533	0.506	0.504	0.542	0.502	0.510	0.516	3.30
48)	T	Methyl methacr...	0.162	0.158	0.184	0.207	0.197	0.204	0.185	11.51
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.22
50)	S	Toluene-d8	1.195	1.158	1.157	1.063	0.958	0.928	1.076	10.47
51)	T	4-Methyl-2-Pen...	0.197	0.178	0.198	0.215	0.207	0.207	0.200	6.50
52)	CM	Toluene	0.883	0.921	0.902	1.022	0.962	0.930	0.937	5.30#
53)	T	t-1,3-Dichloro...	0.447	0.423	0.444	0.506	0.498	0.491	0.468	7.32
54)	T	cis-1,3-Dichlo...	0.523	0.515	0.529	0.601	0.572	0.589	0.555	6.66
55)	T	1,1,2-Trichlor...	0.283	0.274	0.270	0.280	0.264	0.258	0.271	3.49
56)	T	Ethyl methacry...	0.284	0.243	0.299	0.351	0.341	0.342	0.310	13.64

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57)	T	1,3-Dichloropr...	0.440	0.434	0.459	0.482	0.455	0.451	0.454	3.76
58)	T	2-Chloroethyl ...	0.097	0.098	0.099	0.086	0.089	0.093	0.094	5.87
59)	T	2-Hexanone	0.129	0.115	0.131	0.151	0.143	0.141	0.135	9.40
60)	T	Dibromochlorom...	0.357	0.345	0.345	0.373	0.345	0.349	0.352	3.19
61)	T	1,2-Dibromoethane	0.272	0.258	0.254	0.282	0.265	0.257	0.265	4.06
62)	S	4-Bromofluorob...	0.463	0.432	0.431	0.444	0.396	0.386	0.425	6.84
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.334	0.384	0.343	0.384	0.378	0.366	0.365	5.93
65)	PM	Chlorobenzene	1.052	1.110	1.066	1.130	1.112	1.068	1.090	2.88
66)	T	1,1,1,2-Tetrac...	0.400	0.425	0.411	0.420	0.410	0.393	0.410	2.93
67)	C	Ethyl Benzene	1.697	1.722	1.789	2.030	2.016	1.935	1.865	7.94#
68)	T	m/p-Xylenes	0.689	0.680	0.715	0.824	0.790	0.760	0.743	7.75
69)	T	o-Xylene	0.633	0.609	0.654	0.757	0.748	0.711	0.685	9.06
70)	T	Styrene	1.109	1.040	1.157	1.300	1.252	1.193	1.175	8.03
71)	P	Bromoform	0.216	0.235	0.217	0.227	0.222	0.221	0.223	3.20
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.300	3.066	3.461	3.968	3.963	3.963	3.620	10.99
74)	T	N-amyl acetate	0.728	0.682	0.749	0.836	0.858	0.873	0.788	9.94
75)	P	1,1,2,2-Tetrac...	0.647	0.617	0.665	0.657	0.645	0.648	0.647	2.54
76)	T	1,2,3-Trichlor...	0.518	0.512	0.528	0.459	0.455	0.458	0.488	7.03
77)	T	Bromobenzene	0.839	0.816	0.827	0.876	0.909	0.879	0.858	4.17
78)	T	n-propylbenzene	4.005	3.896	4.304	4.815	4.822	4.724	4.428	9.42
79)	T	2-Chlorotoluene	2.455	2.274	2.482	2.731	2.714	2.684	2.557	7.16
80)	T	1,3,5-Trimethy...	2.835	2.690	3.077	3.390	3.353	3.317	3.110	9.46
81)	T	trans-1,4-Dich...	0.164	0.166	0.181	0.199	0.209	0.220	0.190	11.99
82)	T	4-Chlorotoluene	2.565	2.520	2.687	2.865	2.821	2.769	2.705	5.16
83)	T	tert-Butylbenzene	2.333	2.238	2.604	2.805	2.883	2.857	2.620	10.64
84)	T	1,2,4-Trimethy...	2.842	2.523	2.997	3.299	3.279	3.222	3.027	10.07
85)	T	sec-Butylbenzene	3.591	3.380	3.935	4.296	4.297	4.263	3.960	10.05
86)	T	p-Isopropyltol...	2.867	2.693	3.278	3.636	3.582	3.550	3.268	12.28
87)	T	1,3-Dichlorobe...	1.727	1.655	1.752	1.804	1.749	1.723	1.735	2.81
88)	T	1,4-Dichlorobe...	1.764	1.737	1.736	1.779	1.749	1.723	1.748	1.17
89)	T	n-Butylbenzene	2.716	2.698	3.042	3.365	3.385	3.377	3.097	10.62
90)	T	Hexachloroethane	0.611	0.663	0.667	0.674	0.680	0.683	0.663	4.02
91)	T	1,2-Dichlorobe...	1.497	1.449	1.501	1.537	1.546	1.521	1.509	2.31
92)	T	1,2-Dibromo-3-...	0.099	0.097	0.108	0.107	0.111	0.113	0.106	6.13
93)	T	1,2,4-Trichlor...	0.835	0.865	0.894	0.950	0.989	0.991	0.921	7.15
94)	T	Hexachlorobuta...	0.507	0.499	0.511	0.528	0.524	0.530	0.517	2.44
95)	T	Naphthalene	1.441	1.327	1.542	1.793	1.928	1.966	1.666	16.03
96)	T	1,2,3-Trichlor...	0.734	0.730	0.814	0.815	0.860	0.866	0.803	7.37

(#) = Out of Range