Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D072221S.M
Title : SW846 8260
Last Update : Fri Jul 23 04:51:13 2021
Response Via : Initial Calibration

Calibration Files
10 =VD069802.D 5 =VD069801.D 20 =VD069803.D 50 =VD069804.D 100 =VD069805.D 150 =VD069806.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.590	0.591	0.563	0.471	0.477	0.466	0.526	11.62
3)	P	Chloromethane	0.827	0.892	0.798	0.678	0.697	0.688	0.763	11.59
4)	C	Vinyl Chloride	0.866	0.882	0.827	0.746	0.756	0.741	0.803	7.89#
5)	T	Bromomethane	0.588	0.682	0.501	0.458	0.462	0.464	0.526	17.30
6)	T	Chloroethane	0.568	0.561	0.541	0.486	0.493	0.473	0.520	7.90
7)	T	Trichlorofluor...	1.067	1.133	0.999	0.915	0.932	0.902	0.991	9.39
8)	T	Diethyl Ether	0.263	0.263	0.274	0.269	0.303	0.301	0.279	6.62
9)	T	1,1,2-Trichlor...	0.691	0.703	0.646	0.574	0.593	0.570	0.630	9.38
10)	T	Methyl Iodide	0.459	0.432	0.506	0.598	0.653	0.652	0.550	17.69
11)	T	Tert butyl alc...	0.031	0.033	0.030	0.026	0.030	0.029	0.030	7.95
12)	CM	1,1-Dichloroet...	0.570	0.607	0.565	0.552	0.571	0.567	0.572	3.25#
13)	T	Acrolein	0.040	0.040	0.044	0.039	0.045	0.042	0.042	5.92
14)	T	Allyl chloride	0.776	0.801	0.803	0.830	0.909	0.914	0.839	7.04
15)	T	Acrylonitrile	0.128	0.123	0.132	0.124	0.142	0.138	0.131	5.85
16)	T	Acetone	0.105	0.122	0.100	0.104	0.100	0.093	0.104	9.30
17)	T	Carbon Disulfide	2.149	2.180	2.106	1.940	1.968	1.929	2.045	5.50
18)	T	Methyl Acetate	0.300	0.352	0.308	0.262	0.301	0.285	0.301	9.82
19)	T	Methyl tert-bu...	1.100	1.050	1.139	1.170	1.335	1.317	1.185	9.81
20)	T	Methylene Chlo...	1.086	1.515	0.924	0.750	0.719	0.683	0.946	33.54
21)	T	trans-1,2-Dich...	0.683	0.690	0.679	0.658	0.678	0.656	0.674	2.06
22)	T	Diisopropyl ether	1.726	1.533	1.883	1.852	1.989	1.952	1.823	9.25
23)	T	Vinyl Acetate	0.734	0.631	0.827	0.916	1.069	1.062	0.873	20.23
24)	P	1,1-Dichloroet...	1.303	1.358	1.265	1.193	1.225	1.208	1.259	5.01
25)	T	2-Butanone	0.132	0.128	0.139	0.138	0.156	0.152	0.141	7.83
26)	T	2,2-Dichloropr...	0.972	1.014	0.921	0.915	0.960	0.961	0.957	3.78
27)	T	cis-1,2-Dichlo...	0.719	0.678	0.720	0.696	0.755	0.747	0.719	4.09
28)	T	Bromochloromet...	0.525	0.430	0.531	0.467	0.458	0.456	0.478	8.57
29)	T	Tetrahydrofuran	0.082	0.075	0.089	0.091	0.107	0.103	0.091	13.25
30)	C	Chloroform	1.321	1.412	1.280	1.184	1.213	1.184	1.266	7.15#
31)	T	Cyclohexane	1.122	1.232	1.094	1.052	1.130	1.111	1.124	5.33
32)	T	1,1,1-Trichlor...	1.094	1.114	1.053	0.998	1.023	1.004	1.048	4.60
33)	S	1,2-Dichloroet...	0.626	0.620	0.600	0.512	0.565	0.527	0.575	8.40
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.327	0.306	0.336	0.301	0.321	0.300	0.315	4.73
36)	T	1,1-Dichloropr...	0.534	0.544	0.550	0.531	0.548	0.531	0.540	1.62
37)	T	Ethyl Acetate	0.185	0.191	0.191	0.190	0.216	0.205	0.196	5.93
38)	T	Carbon Tetrach...	0.495	0.502	0.489	0.478	0.501	0.492	0.493	1.80
39)	T	Methylcyclohexane	0.570	0.535	0.596	0.634	0.691	0.681	0.618	10.04
40)	TM	Benzene	1.584	1.557	1.583	1.518	1.579	1.558	1.563	1.61
41)	T	Methacrylonitrile	0.089	0.095	0.114	0.096	0.113	0.112	0.103	10.52
42)	TM	1,2-Dichloroet...	0.423	0.427	0.424	0.395	0.410	0.402	0.413	3.21
43)	T	Isopropyl Acetate	0.332	0.319	0.344	0.341	0.389	0.389	0.352	8.40
44)	TM	Trichloroethene	0.390	0.409	0.387	0.367	0.381	0.376	0.385	3.72
45)	C	1,2-Dichloropr...	0.423	0.414	0.421	0.391	0.412	0.402	0.411	2.96#
46)	T	Dibromomethane	0.209	0.202	0.209	0.192	0.203	0.196	0.202	3.46
47)	T	Bromodichlorom...	0.534	0.527	0.535	0.504	0.532	0.514	0.524	2.42
48)	T	Methyl methacr...	0.146	0.132	0.171	0.175	0.199	0.194	0.169	15.46
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	7.79
50)	S	Toluene-d8	1.223	1.160	1.270	1.169	1.273	1.198	1.215	4.00
51)	T	4-Methyl-2-Pen...	0.168	0.150	0.184	0.185	0.210	0.202	0.183	12.08
52)	CM	Toluene	0.912	0.883	0.956	0.949	1.005	0.985	0.948	4.76#
53)	T	t-1,3-Dichloro...	0.444	0.415	0.441	0.421	0.456	0.464	0.440	4.31
54)	T	cis-1,3-Dichlo...	0.522	0.491	0.526	0.505	0.570	0.583	0.533	6.81
55)	T	1,1,2-Trichlor...	0.288	0.302	0.290	0.268	0.285	0.276	0.285	4.15
56)	T	Ethyl methacry...	0.270	0.238	0.300	0.316	0.375	0.373	0.312	17.55

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57)	T	1,3-Dichloropr...	0.470	0.469	0.486	0.465	0.511	0.494	0.482	3.70
58)	T	2-Chloroethyl ...	0.104	0.099	0.125	0.145	0.165	0.164	0.134	21.66
59)	T	2-Hexanone	0.108	0.094	0.121	0.125	0.143	0.137	0.121	14.93
60)	T	Dibromochlorom...	0.318	0.329	0.327	0.308	0.331	0.325	0.323	2.67
61)	T	1,2-Dibromoethane	0.250	0.250	0.267	0.246	0.269	0.258	0.257	3.77
62)	S	4-Bromofluorob...	0.392	0.370	0.426	0.389	0.440	0.420	0.406	6.53
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.335	0.337	0.318	0.311	0.310	0.301	0.319	4.52
65)	PM	Chlorobenzene	1.039	1.065	1.041	0.997	1.051	1.022	1.036	2.30
66)	T	1,1,1,2-Tetrac...	0.382	0.378	0.377	0.361	0.374	0.364	0.373	2.24
67)	C	Ethyl Benzene	1.740	1.633	1.798	1.864	1.972	1.935	1.824	6.94#
68)	T	m/p-Xylenes	0.674	0.615	0.724	0.729	0.761	0.740	0.707	7.59
69)	T	o-Xylene	0.594	0.545	0.641	0.655	0.714	0.706	0.643	10.14
70)	T	Styrene	1.027	0.897	1.151	1.160	1.240	1.209	1.114	11.58
71)	P	Bromoform	0.178	0.182	0.185	0.175	0.186	0.180	0.181	2.21
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.210	3.116	3.498	3.747	4.006	3.979	3.593	10.61
74)	T	N-amyl acetate	0.648	0.614	0.694	0.744	0.865	0.870	0.739	14.71
75)	P	1,1,2,2-Tetrac...	0.715	0.733	0.723	0.679	0.736	0.719	0.717	2.87
76)	T	1,2,3-Trichlor...	0.637	0.580	0.495	0.467	0.513	0.496	0.531	12.09
77)	T	Bromobenzene	0.781	0.799	0.795	0.791	0.850	0.838	0.809	3.47
78)	T	n-propylbenzene	4.201	4.038	4.577	4.825	5.087	4.958	4.614	9.15
79)	T	2-Chlorotoluene	2.564	2.401	2.676	2.710	2.870	2.860	2.680	6.68
80)	T	1,3,5-Trimethy...	2.822	2.555	3.066	3.232	3.423	3.340	3.073	10.79
81)	T	trans-1,4-Dich...	0.158	0.139	0.170	0.177	0.204	0.203	0.175	14.55
82)	T	4-Chlorotoluene	2.664	2.542	2.839	2.854	2.991	2.923	2.802	5.99
83)	T	tert-Butylbenzene	2.242	2.162	2.394	2.591	2.823	2.781	2.499	11.09
84)	T	1,2,4-Trimethy...	2.818	2.470	3.019	3.149	3.388	3.347	3.032	11.44
85)	T	sec-Butylbenzene	3.636	3.383	3.897	4.100	4.410	4.274	3.950	9.88
86)	T	p-Isopropyltol...	2.896	2.698	3.146	3.354	3.615	3.545	3.209	11.34
87)	T	1,3-Dichlorobe...	1.686	1.722	1.684	1.641	1.746	1.713	1.699	2.15
88)	T	1,4-Dichlorobe...	1.717	1.777	1.674	1.609	1.710	1.673	1.693	3.30
89)	T	n-Butylbenzene	2.836	2.811	3.010	3.286	3.565	3.495	3.167	10.39
90)	T	Hexachloroethane	0.663	0.711	0.669	0.650	0.693	0.692	0.680	3.37
91)	T	1,2-Dichlorobe...	1.465	1.467	1.458	1.425	1.507	1.475	1.466	1.81
92)	T	1,2-Dibromo-3-...	0.093	0.109	0.102	0.100	0.110	0.107	0.103	6.14
93)	T	1,2,4-Trichlor...	0.721	0.698	0.753	0.784	0.899	0.890	0.791	10.79
94)	T	Hexachlorobuta...	0.463	0.491	0.467	0.478	0.505	0.499	0.484	3.53
95)	T	Naphthalene	1.163	1.088	1.276	1.436	1.738	1.771	1.412	20.55
96)	T	1,2,3-Trichlor...	0.599	0.608	0.665	0.686	0.777	0.770	0.684	11.24

(#) = Out of Range