Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D050421S.M
Title : SW846 8260
Last Update : Wed May 05 04:16:41 2021
Response Via : Initial Calibration

Calibration Files
10 =VD069057.D 5 =VD069056.D 20 =VD069058.D 50 =VD069059.D 100 =VD069060.D 150 =VD069061.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.652	0.639	0.655	0.591	0.574	0.538	0.608	7.84
3)	P	Chloromethane	0.831	0.820	0.794	0.724	0.674	0.646	0.748	10.45
4)	C	Vinyl Chloride	1.031	1.045	1.079	0.957	0.941	0.884	0.990	7.49#
5)	T	Bromomethane	0.600	0.709	0.602	0.551	0.529	0.541	0.589	11.25
6)	T	Chloroethane	0.646	0.647	0.593	0.586	0.442	0.539	0.575	13.37
7)	T	Trichlorofluor...	1.108	1.174	1.104	1.062	1.100	0.972	1.087	6.15
8)	T	Diethyl Ether	0.251	0.256	0.292	0.265	0.261	0.259	0.264	5.52
9)	T	1,1,2-Trichlor...	0.589	0.675	0.581	0.576	0.552	0.518	0.582	9.01
10)	T	Methyl Iodide	0.341	0.334	0.454	0.520	0.550	0.546	0.457	21.66
11)	T	Tert butyl alc...	0.080	0.109	0.061	0.041	0.035	0.034	0.060	49.80
12)	CM	1,1-Dichloroet...	0.535	0.540	0.528	0.533	0.519	0.489	0.524	3.57#
13)	T	Acrolein	0.044	0.040	0.043	0.037	0.034	0.034	0.039	11.12
14)	T	Allyl chloride	0.636	0.653	0.685	0.695	0.699	0.684	0.675	3.73
15)	T	Acrylonitrile	0.114	0.113	0.114	0.119	0.115	0.114	0.115	2.04
16)	T	Acetone	0.110	0.139	0.098	0.098	0.091	0.082	0.103	19.56
17)	T	Carbon Disulfide	1.792	1.978	1.816	1.735	1.694	1.614	1.771	7.01
18)	T	Methyl Acetate	0.238	0.265	0.244	0.267	0.250	0.242	0.251	4.90
19)	T	Methyl tert-bu...	1.122	1.054	1.225	1.270	1.265	1.249	1.198	7.44
20)	T	Methylene Chlo...	0.904	1.252	0.796	0.643	0.599	0.568	0.794	32.52
21)	T	trans-1,2-Dich...	0.631	0.624	0.638	0.622	0.622	0.598	0.623	2.16
22)	T	Diisopropyl ether	1.439	1.317	1.568	1.586	1.578	1.554	1.507	7.14
23)	T	Vinyl Acetate	0.754	0.675	0.864	0.948	0.962	0.967	0.862	14.22
24)	P	1,1-Dichloroet...	1.068	1.119	1.096	1.072	1.032	0.998	1.064	4.08
25)	T	2-Butanone	0.137	0.134	0.135	0.145	0.138	0.136	0.138	2.87
26)	T	2,2-Dichloropr...	1.028	1.057	1.020	0.980	0.965	0.917	0.994	5.09
27)	T	cis-1,2-Dichlo...	0.648	0.686	0.669	0.688	0.673	0.668	0.672	2.16
28)	T	Bromochloromet...	0.442	0.457	0.427	0.426	0.413	0.414	0.430	3.94
29)	T	Tetrahydrofuran	0.083	0.074	0.084	0.091	0.088	0.089	0.085	7.20
30)	C	Chloroform	1.183	1.320	1.238	1.180	1.128	1.094	1.191	6.76#
31)	T	Cyclohexane	0.929	1.075	0.924	0.921	0.898	0.861	0.935	7.86
32)	T	1,1,1-Trichlor...	1.074	1.203	1.089	1.092	1.043	1.021	1.087	5.80
33)	S	1,2-Dichloroet...	0.666	0.688	0.615	0.653	0.616	0.628	0.644	4.57
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.332	0.357	0.331	0.344	0.348	0.345	0.343	2.94
36)	T	1,1-Dichloropr...	0.500	0.521	0.544	0.536	0.544	0.511	0.526	3.47
37)	T	Ethyl Acetate	0.188	0.184	0.212	0.205	0.206	0.195	0.198	5.60
38)	T	Carbon Tetrach...	0.547	0.578	0.604	0.565	0.578	0.552	0.571	3.62
39)	T	Methylcyclohexane	0.522	0.463	0.587	0.623	0.641	0.614	0.575	11.97
40)	TM	Benzene	1.436	1.408	1.508	1.476	1.482	1.423	1.456	2.68
41)	T	Methacrylonitrile	0.112	0.105	0.120	0.129	0.113	0.111	0.115	7.26
42)	TM	1,2-Dichloroet...	0.460	0.444	0.482	0.464	0.449	0.431	0.455	3.88
43)	T	Isopropyl Acetate	0.352	0.332	0.381	0.388	0.392	0.386	0.372	6.51
44)	TM	Trichloroethene	0.382	0.398	0.390	0.388	0.386	0.378	0.387	1.74
45)	C	1,2-Dichloropr...	0.346	0.363	0.367	0.365	0.359	0.351	0.358	2.28#
46)	T	Dibromomethane	0.206	0.203	0.211	0.210	0.206	0.199	0.206	2.25
47)	T	Bromodichlorom...	0.524	0.547	0.557	0.547	0.547	0.527	0.542	2.42
48)	T	Methyl methacr...	0.176	0.139	0.186	0.200	0.202	0.196	0.183	12.93
49)	T	1,4-Dioxane	0.002	0.002	0.003	0.003	0.002	0.002	0.002	12.44
50)	S	Toluene-d8	1.202	1.147	1.217	1.321	1.352	1.357	1.266	7.03
51)	T	4-Methyl-2-Pen...	0.177	0.161	0.191	0.206	0.205	0.203	0.190	9.63
52)	CM	Toluene	0.863	0.822	0.981	0.959	0.974	0.944	0.924	7.07#
53)	T	t-1,3-Dichloro...	0.439	0.430	0.477	0.491	0.498	0.491	0.471	6.23
54)	T	cis-1,3-Dichlo...	0.535	0.532	0.561	0.564	0.582	0.566	0.557	3.47
55)	T	1,1,2-Trichlor...	0.278	0.262	0.276	0.284	0.276	0.266	0.274	2.99
56)	T	Ethyl methacry...	0.266	0.199	0.299	0.325	0.342	0.339	0.295	18.64

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57)	T	1,3-Dichloropr...	0.436	0.440	0.480	0.473	0.470	0.469	0.461	4.01
58)	T	2-Chloroethyl ...	0.151	0.123	0.159	0.170	0.172	0.175	0.158	12.36
59)	T	2-Hexanone	0.117	0.103	0.129	0.143	0.142	0.138	0.128	12.30
60)	T	Dibromochlorom...	0.347	0.376	0.372	0.371	0.367	0.353	0.364	3.22
61)	T	1,2-Dibromoethane	0.255	0.255	0.281	0.268	0.272	0.263	0.266	3.78
62)	S	4-Bromofluorob...	0.398	0.381	0.392	0.429	0.444	0.455	0.416	7.32
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.313	0.331	0.328	0.339	0.322	0.301	0.322	4.21
65)	PM	Chlorobenzene	0.990	1.029	1.031	1.045	1.033	0.994	1.020	2.21
66)	T	1,1,1,2-Tetrac...	0.385	0.381	0.382	0.396	0.391	0.381	0.386	1.54
67)	C	Ethyl Benzene	1.594	1.624	1.827	1.923	1.972	1.915	1.809	8.98#
68)	T	m/p-Xylenes	0.599	0.590	0.705	0.730	0.745	0.711	0.680	9.95
69)	T	o-Xylene	0.540	0.514	0.597	0.668	0.685	0.656	0.610	11.72
70)	T	Styrene	0.953	0.900	1.084	1.173	1.197	1.156	1.077	11.49
71)	P	Bromoform	0.188	0.194	0.203	0.210	0.201	0.192	0.198	4.07
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.037	3.117	3.422	3.618	3.801	3.769	3.461	9.45
74)	T	N-amyl acetate	0.651	0.599	0.709	0.769	0.812	0.820	0.727	12.32
75)	P	1,1,2,2-Tetrac...	0.701	0.708	0.677	0.659	0.680	0.644	0.678	3.57
76)	T	1,2,3-Trichlor...	0.410	0.511	0.424	0.427	0.419	0.420	0.435	8.66
77)	T	Bromobenzene	0.742	0.823	0.809	0.811	0.815	0.808	0.801	3.70
78)	T	n-propylbenzene	3.797	3.799	4.333	4.447	4.625	4.508	4.251	8.55
79)	T	2-Chlorotoluene	2.221	2.175	2.413	2.449	2.490	2.478	2.371	5.80
80)	T	1,3,5-Trimethy...	2.666	2.564	3.016	3.085	3.211	3.134	2.946	9.03
81)	T	trans-1,4-Dich...	0.198	0.184	0.198	0.206	0.204	0.210	0.200	4.49
82)	T	4-Chlorotoluene	2.368	2.475	2.559	2.592	2.643	2.594	2.538	3.96
83)	T	tert-Butylbenzene	2.121	2.097	2.349	2.550	2.686	2.603	2.401	10.49
84)	T	1,2,4-Trimethy...	2.595	2.434	3.050	3.134	3.271	3.179	2.944	11.68
85)	T	sec-Butylbenzene	3.169	3.030	3.487	3.630	3.820	3.717	3.475	9.03
86)	T	p-Isopropyltol...	2.788	2.806	3.213	3.412	3.572	3.455	3.208	10.55
87)	T	1,3-Dichlorobe...	1.581	1.578	1.593	1.635	1.657	1.603	1.608	1.98
88)	T	1,4-Dichlorobe...	1.569	1.612	1.628	1.555	1.609	1.536	1.585	2.30
89)	T	n-Butylbenzene	2.594	2.722	3.025	3.242	3.410	3.270	3.044	10.71
90)	T	Hexachloroethane	0.608	0.705	0.666	0.661	0.666	0.650	0.659	4.73
91)	T	1,2-Dichlorobe...	1.359	1.404	1.429	1.409	1.411	1.376	1.398	1.84
92)	T	1,2-Dibromo-3-...	0.117	0.114	0.113	0.110	0.109	0.107	0.112	3.18
93)	T	1,2,4-Trichlor...	0.783	0.792	0.805	0.855	0.877	0.864	0.829	4.88
94)	T	Hexachlorobuta...	0.458	0.508	0.482	0.490	0.491	0.452	0.480	4.43
95)	T	Naphthalene	1.255	1.250	1.461	1.702	1.742	1.777	1.531	15.85
96)	T	1,2,3-Trichlor...	0.653	0.621	0.723	0.766	0.780	0.754	0.716	9.09

(#) = Out of Range