Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D080122S.M
Title : SW846 8260
Last Update : Tue Aug 02 05:13:57 2022
Response Via : Initial Calibration

Calibration Files
10 =VD073909.D 5 =VD073908.D 20 =VD073910.D 50 =VD073911.D 100 =VD073912.D 150 =VD073913.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.456	0.616	0.389	0.460	0.430	0.432	0.464	16.96
3)	P	Chloromethane	0.609	0.804	0.550	0.664	0.598	0.587	0.635	14.26
4)	C	Vinyl Chloride	0.704	0.865	0.674	0.883	0.796	0.779	0.783	10.68#
5)	T	Bromomethane	0.491	0.680	0.442	0.575	0.557	0.574	0.553	14.72
6)	T	Chloroethane	0.540	0.627	0.484	0.597	0.528	0.530	0.551	9.41
7)	T	Trichlorofluor...	0.842	0.915	0.783	0.871	0.814	0.815	0.840	5.62
8)	T	Diethyl Ether	0.214	0.221	0.200	0.220	0.212	0.202	0.211	4.06
9)	T	1,1,2-Trichlor...	0.520	0.575	0.467	0.498	0.466	0.463	0.498	8.81
10)	T	Methyl Iodide	0.453	0.494	0.480	0.631	0.607	0.601	0.544	14.16
11)	T	Tert butyl alc...	0.039	0.034	0.038	0.029	0.028	0.027	0.032	15.41
12)	CM	1,1-Dichloroet...	0.395	0.510	0.399	0.467	0.436	0.440	0.441	9.80#
13)	T	Acrolein	0.012	0.015	0.014	0.035	0.034	0.032	0.024	46.17
14)	T	Allyl chloride	0.566	0.675	0.548	0.641	0.584	0.565	0.596	8.43
15)	T	Acrylonitrile	0.093	0.098	0.090	0.092	0.085	0.085	0.090	5.56
16)	T	Acetone	0.086	0.107	0.076	0.099	0.082	0.071	0.087	16.01
17)	T	Carbon Disulfide	1.039	1.470	0.944	1.486	1.385	1.383	1.285	18.11
18)	T	Methyl Acetate	0.259	0.412	0.247	0.229	0.208	0.201	0.260	30.13
19)	T	Methyl tert-bu...	1.075	1.073	1.025	1.113	1.068	1.054	1.068	2.69
20)	T	Methylene Chlo...	1.188	1.706	0.867	0.614	0.544	0.522	0.907	51.37
21)	T	trans-1,2-Dich...	0.487	0.584	0.470	0.561	0.525	0.527	0.526	8.23
22)	T	Diisopropyl ether	1.283	1.291	1.256	1.355	1.295	1.290	1.295	2.50
23)	T	Vinyl Acetate	0.657	0.557	0.661	0.757	0.734	0.741	0.684	11.01
24)	P	1,1-Dichloroet...	0.899	0.917	0.833	0.913	0.846	0.848	0.876	4.31
25)	T	2-Butanone	0.128	0.136	0.114	0.130	0.116	0.107	0.122	9.21
26)	T	2,2-Dichloropr...	0.901	1.002	0.823	0.899	0.850	0.840	0.886	7.37
27)	T	cis-1,2-Dichlo...	0.587	0.641	0.541	0.618	0.585	0.580	0.592	5.80
28)	T	Bromochloromet...	0.278	0.313	0.293	0.308	0.280	0.281	0.292	5.23
29)	T	Tetrahydrofuran	0.074	0.068	0.072	0.074	0.070	0.069	0.071	3.81
30)	C	Chloroform	1.016	1.063	0.970	1.035	0.959	0.946	0.998	4.66#
31)	T	Cyclohexane	0.736	0.972	0.645	0.796	0.746	0.751	0.774	14.02
32)	T	1,1,1-Trichlor...	0.928	1.034	0.906	0.989	0.930	0.917	0.950	5.27
33)	S	1,2-Dichloroet...	0.545	0.528	0.511	0.420	0.399	0.382	0.464	15.49
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.355	0.338	0.343	0.276	0.278	0.274	0.311	12.39
36)	T	1,1-Dichloropr...	0.419	0.464	0.390	0.465	0.461	0.456	0.442	6.95
37)	T	Ethyl Acetate	0.179	0.169	0.163	0.156	0.163	0.159	0.165	5.03
38)	T	Carbon Tetrach...	0.449	0.515	0.465	0.518	0.511	0.516	0.496	6.14
39)	T	Methylcyclohexane	0.464	0.524	0.446	0.552	0.558	0.568	0.519	9.96
40)	TM	Benzene	1.142	1.247	1.107	1.266	1.263	1.259	1.214	5.82
41)	T	Methacrylonitrile	0.114	0.101	0.097	0.094	0.082	0.083	0.095	12.83
42)	TM	1,2-Dichloroet...	0.383	0.391	0.361	0.382	0.361	0.358	0.373	3.90
43)	T	Isopropyl Acetate	0.327	0.323	0.326	0.330	0.330	0.322	0.326	0.99
44)	TM	Trichloroethene	0.354	0.401	0.330	0.372	0.367	0.371	0.366	6.37
45)	C	1,2-Dichloropr...	0.298	0.289	0.284	0.301	0.288	0.293	0.292	2.19#
46)	T	Dibromomethane	0.179	0.202	0.182	0.194	0.185	0.185	0.188	4.52
47)	T	Bromodichlorom...	0.461	0.482	0.456	0.472	0.462	0.460	0.465	2.04
48)	T	Methyl methacr...	0.150	0.155	0.144	0.159	0.155	0.151	0.152	3.32
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	5.17
50)	S	Toluene-d8	1.205	1.125	1.191	0.900	0.934	0.924	1.046	13.59
51)	T	4-Methyl-2-Pen...	0.161	0.161	0.164	0.165	0.165	0.161	0.163	1.12
52)	CM	Toluene	0.775	0.805	0.746	0.867	0.879	0.885	0.826	7.18#
53)	T	t-1,3-Dichloro...	0.406	0.433	0.410	0.438	0.439	0.445	0.428	3.86
54)	T	cis-1,3-Dichlo...	0.455	0.492	0.453	0.499	0.505	0.506	0.485	5.02
55)	T	1,1,2-Trichlor...	0.248	0.248	0.233	0.245	0.239	0.238	0.242	2.51
56)	T	Ethyl methacry...	0.252	0.263	0.267	0.286	0.292	0.291	0.275	6.08

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57)	T	1,3-Dichloropr...	0.398	0.373	0.376	0.407	0.397	0.395	0.391	3.47
58)	T	2-Chloroethyl ...	0.089	0.103	0.097	0.111	0.115	0.118	0.105	10.45
59)	T	2-Hexanone	0.109	0.106	0.105	0.117	0.114	0.110	0.110	4.34
60)	T	Dibromochlorom...	0.321	0.325	0.319	0.326	0.332	0.334	0.326	1.76
61)	T	1,2-Dibromoethane	0.235	0.252	0.231	0.253	0.252	0.247	0.245	3.84
62)	S	4-Bromofluorob...	0.408	0.402	0.398	0.360	0.373	0.368	0.385	5.20
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.357	0.437	0.313	0.346	0.339	0.342	0.356	11.88
65)	PM	Chlorobenzene	1.009	1.036	0.920	1.001	0.992	0.990	0.991	3.92
66)	T	1,1,1,2-Tetrac...	0.368	0.387	0.367	0.390	0.385	0.381	0.380	2.53
67)	C	Ethyl Benzene	1.637	1.751	1.610	1.844	1.821	1.841	1.751	5.96#
68)	T	m/p-Xylenes	0.637	0.665	0.637	0.745	0.735	0.744	0.694	7.68
69)	T	o-Xylene	0.575	0.655	0.597	0.683	0.689	0.701	0.650	8.04
70)	T	Styrene	1.001	1.010	1.043	1.169	1.187	1.178	1.098	8.09
71)	P	Bromoform	0.198	0.194	0.207	0.216	0.219	0.218	0.209	5.11
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.368	3.592	3.200	3.435	3.540	3.551	3.448	4.26
74)	T	N-amyl acetate	0.708	0.728	0.698	0.663	0.671	0.674	0.690	3.68
75)	P	1,1,2,2-Tetrac...	0.640	0.616	0.617	0.547	0.564	0.540	0.587	7.20
76)	T	1,2,3-Trichlor...	0.334	0.523	0.473	0.378	0.370	0.361	0.407	18.29
77)	T	Bromobenzene	0.804	0.853	0.775	0.797	0.825	0.815	0.812	3.27
78)	T	n-propylbenzene	4.168	4.392	3.920	4.177	4.263	4.236	4.193	3.73
79)	T	2-Chlorotoluene	2.408	2.583	2.304	2.346	2.372	2.378	2.398	4.04
80)	T	1,3,5-Trimethy...	2.841	2.965	2.795	2.945	3.014	3.015	2.929	3.12
81)	T	trans-1,4-Dich...	0.161	0.170	0.175	0.180	0.182	0.178	0.174	4.47
82)	T	4-Chlorotoluene	2.601	2.698	2.335	2.502	2.486	2.463	2.514	4.93
83)	T	tert-Butylbenzene	2.508	2.588	2.414	2.543	2.625	2.622	2.550	3.16
84)	T	1,2,4-Trimethy...	2.832	2.944	2.722	2.912	2.987	2.964	2.894	3.45
85)	T	sec-Butylbenzene	3.857	3.999	3.649	3.864	3.899	3.884	3.859	2.98
86)	T	p-Isopropyltol...	3.189	3.254	3.021	3.273	3.324	3.387	3.241	3.91
87)	T	1,3-Dichlorobe...	1.741	1.867	1.558	1.666	1.666	1.671	1.695	6.05
88)	T	1,4-Dichlorobe...	1.711	1.840	1.619	1.641	1.634	1.628	1.679	5.10
89)	T	n-Butylbenzene	2.983	3.102	2.804	2.999	3.019	3.026	2.989	3.33
90)	T	Hexachloroethane	0.595	0.608	0.547	0.588	0.616	0.609	0.594	4.26
91)	T	1,2-Dichlorobe...	1.451	1.575	1.376	1.423	1.437	1.432	1.449	4.61
92)	T	1,2-Dibromo-3-...	0.107	0.112	0.103	0.091	0.096	0.091	0.100	8.88
93)	T	1,2,4-Trichlor...	0.951	0.964	0.859	0.849	0.884	0.900	0.901	5.27
94)	T	Hexachlorobuta...	0.518	0.529	0.466	0.461	0.472	0.491	0.490	5.86
95)	T	Naphthalene	1.638	1.711	1.574	1.579	1.672	1.702	1.646	3.63
96)	T	1,2,3-Trichlor...	0.817	0.874	0.737	0.711	0.764	0.771	0.779	7.50

(#) = Out of Range