Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D070622S.M
Title : SW846 8260
Last Update : Fri Jul 08 05:39:57 2022
Response Via : Initial Calibration

Calibration Files
10 =VD073797.D 5 =VD073796.D 20 =VD073791.D 50 =VD073792.D 100 =VD073793.D 150 =VD073794.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.389	0.479	0.382	0.254	0.258	0.247	0.335	28.64
3)	P	Chloromethane	0.553	0.602	0.482	0.370	0.339	0.332	0.446	25.93
4)	C	Vinyl Chloride	0.627	0.674	0.606	0.437	0.450	0.427	0.537	20.60#
5)	T	Bromomethane	0.511	0.654	0.412	0.329	0.305	0.298	0.418	33.69
6)	T	Chloroethane	0.466	0.523	0.438	0.348	0.349	0.331	0.409	19.06
7)	T	Trichlorofluor...	0.953	1.080	0.863	0.725	0.705	0.691	0.836	18.86
8)	T	Diethyl Ether	0.281	0.302	0.241	0.242	0.239	0.232	0.256	11.08
9)	T	1,1,2-Trichlor...	0.581	0.644	0.553	0.441	0.440	0.443	0.517	17.04
10)	T	Methyl Iodide	0.345	0.391	0.343	0.302	0.328	0.331	0.340	8.61
11)	T	Tert butyl alc...	0.291	0.628	0.102	0.100	0.074	0.065	0.210	105.27
12)	CM	1,1-Dichloroet...	0.458	0.516	0.428	0.363	0.355	0.339	0.410	16.93#
13)	T	Acrolein	0.031	0.005	0.027	0.050	0.049	0.047	0.035	50.11
14)	T	Allyl chloride	0.803	0.946	0.793	0.709	0.708	0.687	0.774	12.51
15)	T	Acrylonitrile	0.151	0.158	0.138	0.145	0.145	0.142	0.147	4.67
16)	T	Acetone	0.159	0.192	0.119	0.109	0.108	0.103	0.132	27.23
17)	T	Carbon Disulfide	0.808	0.876	0.779	0.528	0.513	0.507	0.668	25.48
18)	T	Methyl Acetate	0.444	0.846	0.374	0.321	0.315	0.310	0.435	47.78
19)	T	Methyl tert-bu...	1.658	1.740	1.423	1.416	1.439	1.392	1.511	9.82
20)	T	Methylene Chlo...	1.791	2.693	0.788	0.556	0.528	0.502	1.143	79.04
21)	T	trans-1,2-Dich...	0.559	0.600	0.517	0.422	0.420	0.408	0.488	16.90
22)	T	Diisopropyl ether	2.108	2.220	1.934	1.917	1.952	1.852	1.997	6.92
23)	T	Vinyl Acetate	1.115	0.967	1.012	1.115	1.122	1.088	1.070	6.06
24)	P	1,1-Dichloroet...	1.222	1.327	1.117	1.046	1.030	0.988	1.122	11.55
25)	T	2-Butanone	0.206	0.269	0.177	0.196	0.186	0.179	0.202	17.05
26)	T	2,2-Dichloropr...	1.134	1.335	1.042	0.920	0.941	0.898	1.045	16.02
27)	T	cis-1,2-Dichlo...	0.743	0.833	0.691	0.633	0.620	0.601	0.687	12.88
28)	T	Bromochloromet...	0.428	0.542	0.393	0.434	0.420	0.404	0.437	12.34
29)	T	Tetrahydrofuran	0.127	0.132	0.114	0.116	0.115	0.112	0.119	6.75
30)	C	Chloroform	1.333	1.461	1.214	1.173	1.171	1.113	1.244	10.36#
31)	T	Cyclohexane	0.931	1.182	0.829	0.618	0.613	0.591	0.794	29.56
32)	T	1,1,1-Trichlor...	1.084	1.287	1.057	0.984	0.970	0.937	1.053	12.08
33)	S	1,2-Dichloroet...	0.714	0.779	0.673	0.520	0.519	0.485	0.615	19.93
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.346	0.358	0.346	0.268	0.267	0.255	0.307	15.62
36)	T	1,1-Dichloropr...	0.434	0.458	0.422	0.349	0.346	0.347	0.393	13.06
37)	T	Ethyl Acetate	0.242	0.276	0.225	0.225	0.222	0.215	0.234	9.48
38)	T	Carbon Tetrach...	0.458	0.536	0.465	0.410	0.409	0.399	0.446	11.60
39)	T	Methylcyclohexane	0.438	0.504	0.438	0.349	0.350	0.352	0.405	15.94
40)	TM	Benzene	1.243	1.364	1.174	1.075	1.059	1.047	1.160	10.82
41)	T	Methacrylonitrile	0.118	0.164	0.115	0.118	0.122	0.136	0.129	14.53
42)	TM	1,2-Dichloroet...	0.430	0.450	0.397	0.388	0.374	0.357	0.399	8.73
43)	T	Isopropyl Acetate	0.489	0.514	0.449	0.466	0.463	0.450	0.472	5.34
44)	TM	Trichloroethene	0.323	0.391	0.318	0.275	0.275	0.270	0.309	15.05
45)	C	1,2-Dichloropr...	0.343	0.367	0.340	0.327	0.321	0.303	0.333	6.50#
46)	T	Dibromomethane	0.202	0.228	0.184	0.183	0.181	0.169	0.191	10.87
47)	T	Bromodichlorom...	0.532	0.591	0.512	0.499	0.493	0.474	0.517	7.96
48)	T	Methyl methacr...	0.224	0.244	0.196	0.210	0.211	0.205	0.215	7.82
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.003	0.002	0.002	4.46
50)	S	Toluene-d8	1.223	1.253	1.199	0.853	0.862	0.846	1.039	19.62
51)	T	4-Methyl-2-Pen...	0.257	0.261	0.224	0.249	0.246	0.241	0.246	5.26
52)	CM	Toluene	0.808	0.852	0.770	0.722	0.732	0.722	0.768	6.94#
53)	T	t-1,3-Dichloro...	0.485	0.535	0.462	0.465	0.468	0.451	0.478	6.35
54)	T	cis-1,3-Dichlo...	0.559	0.608	0.515	0.508	0.504	0.484	0.530	8.62
55)	T	1,1,2-Trichlor...	0.264	0.295	0.263	0.267	0.261	0.256	0.268	5.16
56)	T	Ethyl methacry...	0.339	0.347	0.322	0.344	0.351	0.348	0.342	3.14

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57)	T	1,3-Dichloropr...	0.483	0.493	0.452	0.448	0.446	0.434	0.460	5.08
58)	T	2-Chloroethyl ...	0.135	0.156	0.127	0.127	0.134	0.131	0.135	8.09
59)	T	2-Hexanone	0.162	0.179	0.150	0.166	0.166	0.163	0.164	5.63
60)	T	Dibromochlorom...	0.333	0.359	0.306	0.333	0.329	0.322	0.330	5.28
61)	T	1,2-Dibromoethane	0.260	0.264	0.235	0.239	0.243	0.238	0.246	4.97
62)	S	4-Bromofluorob...	0.472	0.527	0.456	0.370	0.371	0.369	0.427	15.76
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.281	0.341	0.259	0.217	0.212	0.205	0.252	20.89
65)	PM	Chlorobenzene	1.018	1.100	0.974	0.885	0.895	0.859	0.955	9.72
66)	T	1,1,1,2-Tetrac...	0.386	0.413	0.346	0.357	0.361	0.345	0.368	7.25
67)	C	Ethyl Benzene	1.817	1.985	1.751	1.593	1.655	1.590	1.732	8.83#
68)	T	m/p-Xylenes	0.674	0.767	0.660	0.605	0.625	0.600	0.655	9.50
69)	T	o-Xylene	0.663	0.689	0.632	0.596	0.610	0.594	0.631	6.11
70)	T	Styrene	1.127	1.216	1.085	1.063	1.090	1.062	1.107	5.26
71)	P	Bromoform	0.190	0.182	0.181	0.195	0.195	0.190	0.189	3.26
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.971	4.318	4.014	3.631	3.579	3.579	3.849	7.84
74)	T	N-amyl acetate	1.112	1.205	1.014	1.068	1.057	1.062	1.086	6.07
75)	P	1,1,2,2-Tetrac...	0.850	0.853	0.798	0.793	0.758	0.746	0.800	5.60
76)	T	1,2,3-Trichlor...	0.568	0.631	0.540	0.450	0.541	0.537	0.544	10.75
77)	T	Bromobenzene	0.861	0.897	0.822	0.737	0.734	0.755	0.801	8.65
78)	T	n-propylbenzene	5.046	5.626	5.022	4.445	4.405	4.402	4.824	10.28
79)	T	2-Chlorotoluene	2.823	3.109	2.834	2.578	2.520	2.511	2.729	8.64
80)	T	1,3,5-Trimethy...	3.407	3.669	3.252	3.019	2.977	2.973	3.216	8.77
81)	T	trans-1,4-Dich...	0.223	0.276	0.245	0.243	0.238	0.238	0.244	7.32
82)	T	4-Chlorotoluene	2.947	3.322	2.940	2.724	2.679	2.653	2.877	8.79
83)	T	tert-Butylbenzene	2.954	3.084	2.921	2.743	2.712	2.681	2.849	5.65
84)	T	1,2,4-Trimethy...	3.285	3.649	3.263	2.973	2.967	2.965	3.184	8.56
85)	T	sec-Butylbenzene	4.520	5.067	4.543	4.029	4.031	3.981	4.362	9.84
86)	T	p-Isopropyltol...	3.589	4.029	3.548	3.239	3.263	3.199	3.478	9.11
87)	T	1,3-Dichlorobe...	1.742	1.955	1.677	1.596	1.559	1.559	1.681	9.05
88)	T	1,4-Dichlorobe...	1.793	2.004	1.723	1.581	1.561	1.548	1.701	10.45
89)	T	n-Butylbenzene	3.702	4.075	3.668	3.263	3.219	3.159	3.514	10.25
90)	T	Hexachloroethane	0.715	0.810	0.724	0.669	0.652	0.636	0.701	9.11
91)	T	1,2-Dichlorobe...	1.528	1.649	1.505	1.457	1.403	1.384	1.488	6.50
92)	T	1,2-Dibromo-3-...	0.134	0.143	0.133	0.133	0.129	0.126	0.133	4.47
93)	T	1,2,4-Trichlor...	0.903	1.005	0.846	0.803	0.791	0.757	0.851	10.67
94)	T	Hexachlorobuta...	0.428	0.523	0.423	0.376	0.364	0.347	0.410	15.66
95)	T	Naphthalene	1.964	2.136	1.859	1.898	1.862	1.816	1.922	6.02
96)	T	1,2,3-Trichlor...	0.775	0.874	0.757	0.725	0.703	0.676	0.752	9.27

(#) = Out of Range