Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D022621S.M
Title : SW846 8260
Last Update : Fri Feb 26 14:04:14 2021
Response Via : Initial Calibration

Calibration Files
10 =VD068451.D 5 =VD068450.D 20 =VD068452.D 50 =VD068453.D 100 =VD068454.D 150 =VD068455.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.526	0.488	0.482	0.487	0.471	0.457	0.485	4.78
3)	P	Chloromethane	0.653	0.655	0.620	0.601	0.590	0.561	0.613	6.00
4)	C	Vinyl Chloride	0.762	0.759	0.715	0.730	0.716	0.685	0.728	4.00#
5)	T	Bromomethane	0.538	0.569	0.514	0.490	0.502	0.498	0.518	5.74
6)	T	Chloroethane	0.480	0.511	0.475	0.461	0.459	0.439	0.471	5.16
7)	T	Trichlorofluor...	0.873	0.858	0.823	0.829	0.815	0.786	0.831	3.78
8)	T	Diethyl Ether	0.254	0.242	0.239	0.247	0.261	0.240	0.247	3.62
9)	T	1,1,2-Trichlor...	0.531	0.524	0.506	0.501	0.497	0.477	0.506	3.88
10)	T	Methyl Iodide	0.451	0.403	0.511	0.595	0.646	0.619	0.537	18.22
11)	T	Tert butyl alc...	0.029	0.031	0.026	0.024	0.026	0.024	0.027	10.26
12)	CM	1,1-Dichloroet...	0.514	0.522	0.501	0.501	0.497	0.478	0.502	3.04#
13)	T	Acrolein	0.040	0.033	0.040	0.039	0.041	0.036	0.038	7.89
14)	T	Allyl chloride	0.635	0.660	0.638	0.654	0.670	0.634	0.648	2.31
15)	T	Acrylonitrile	0.107	0.103	0.103	0.104	0.111	0.098	0.104	4.11
16)	T	Acetone	0.078	0.080	0.077	0.082	0.091	0.069	0.079	9.27
17)	T	Carbon Disulfide	1.705	1.668	1.623	1.651	1.639	1.585	1.645	2.47
18)	T	Methyl Acetate	0.209	0.217	0.194	0.195	0.218	0.194	0.205	5.59
19)	T	Methyl tert-bu...	1.095	1.065	1.070	1.069	1.164	1.068	1.089	3.54
20)	T	Methylene Chlo...	0.752	0.881	0.660	0.603	0.596	0.548	0.673	18.32
21)	T	trans-1,2-Dich...	0.594	0.632	0.587	0.595	0.610	0.579	0.600	3.13
22)	T	Diisopropyl ether	1.453	1.414	1.409	1.436	1.469	1.387	1.428	2.13
23)	T	Vinyl Acetate	0.704	0.655	0.719	0.753	0.837	0.776	0.741	8.47
24)	P	1,1-Dichloroet...	0.979	1.003	0.976	0.975	0.995	0.944	0.979	2.09
25)	T	2-Butanone	0.116	0.110	0.111	0.113	0.126	0.109	0.114	5.43
26)	T	2,2-Dichloropr...	0.810	0.854	0.782	0.811	0.832	0.803	0.815	3.05
27)	T	cis-1,2-Dichlo...	0.671	0.667	0.643	0.655	0.675	0.638	0.658	2.34
28)	T	Bromochloromet...	0.407	0.387	0.354	0.384	0.401	0.359	0.382	5.67
29)	T	Tetrahydrofuran	0.075	0.073	0.073	0.074	0.080	0.071	0.074	4.19
30)	C	Chloroform	1.026	1.101	1.019	1.022	1.045	0.987	1.033	3.66#
31)	T	Cyclohexane	0.974	1.015	0.889	0.870	0.872	0.830	0.909	7.77
32)	T	1,1,1-Trichlor...	0.884	0.903	0.881	0.878	0.884	0.863	0.882	1.47
33)	S	1,2-Dichloroet...	0.488	0.535	0.520	0.494	0.492	0.469	0.500	4.77
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.311	0.312	0.307	0.298	0.295	0.284	0.301	3.62
36)	T	1,1-Dichloropr...	0.483	0.503	0.460	0.472	0.477	0.456	0.475	3.59
37)	T	Ethyl Acetate	0.163	0.157	0.163	0.151	0.165	0.148	0.158	4.49
38)	T	Carbon Tetrach...	0.443	0.470	0.438	0.441	0.453	0.434	0.447	2.95
39)	T	Methylcyclohexane	0.560	0.603	0.565	0.596	0.605	0.588	0.586	3.32
40)	TM	Benzene	1.367	1.390	1.351	1.343	1.401	1.327	1.363	2.09
41)	T	Methacrylonitrile	0.084	0.111	0.085	0.084	0.090	0.094	0.092	11.50
42)	TM	1,2-Dichloroet...	0.359	0.369	0.357	0.358	0.364	0.343	0.358	2.44
43)	T	Isopropyl Acetate	0.278	0.279	0.282	0.291	0.319	0.290	0.290	5.27
44)	TM	Trichloroethene	0.384	0.396	0.362	0.368	0.376	0.360	0.374	3.76
45)	C	1,2-Dichloropr...	0.325	0.319	0.322	0.328	0.340	0.322	0.326	2.34#
46)	T	Dibromomethane	0.178	0.181	0.177	0.170	0.186	0.171	0.177	3.48
47)	T	Bromodichlorom...	0.459	0.455	0.454	0.455	0.479	0.449	0.459	2.33
48)	T	Methyl methacr...	0.136	0.170	0.155	0.152	0.164	0.150	0.154	7.75
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	5.91
50)	S	Toluene-d8	1.229	1.195	1.258	1.178	1.190	1.148	1.200	3.22
51)	T	4-Methyl-2-Pen...	0.149	0.143	0.151	0.153	0.167	0.148	0.152	5.44
52)	CM	Toluene	0.866	0.855	0.851	0.865	0.912	0.875	0.871	2.53#
53)	T	t-1,3-Dichloro...	0.414	0.417	0.414	0.414	0.463	0.422	0.424	4.60
54)	T	cis-1,3-Dichlo...	0.518	0.511	0.509	0.514	0.541	0.510	0.517	2.37
55)	T	1,1,2-Trichlor...	0.245	0.249	0.239	0.244	0.257	0.239	0.245	2.78
56)	T	Ethyl methacry...	0.272	0.247	0.274	0.287	0.321	0.291	0.282	8.72

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57)	T	1,3-Dichloropr...	0.422	0.446	0.423	0.421	0.447	0.411	0.428	3.40
58)	T	2-Chloroethyl ...	0.137	0.140	0.136	0.141	0.154	0.141	0.141	4.72
59)	T	2-Hexanone	0.096	0.092	0.099	0.103	0.116	0.100	0.101	8.28
60)	T	Dibromochlorom...	0.311	0.298	0.291	0.305	0.322	0.296	0.304	3.69
61)	T	1,2-Dibromoethane	0.247	0.243	0.237	0.238	0.247	0.229	0.240	2.90
62)	S	4-Bromofluorob...	0.389	0.400	0.385	0.383	0.392	0.370	0.387	2.61
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.343	0.351	0.319	0.318	0.325	0.304	0.327	5.33
65)	PM	Chlorobenzene	1.037	1.073	0.995	0.999	1.028	0.978	1.018	3.38
66)	T	1,1,1,2-Tetrac...	0.357	0.351	0.347	0.350	0.369	0.350	0.354	2.34
67)	C	Ethyl Benzene	1.759	1.804	1.810	1.818	1.894	1.820	1.818	2.41#
68)	T	m/p-Xylenes	0.692	0.684	0.677	0.693	0.711	0.684	0.690	1.73
69)	T	o-Xylene	0.629	0.610	0.625	0.648	0.662	0.641	0.636	2.89
70)	T	Styrene	1.044	1.025	1.075	1.109	1.166	1.104	1.087	4.66
71)	P	Bromoform	0.179	0.172	0.180	0.181	0.194	0.172	0.180	4.54
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.705	3.776	3.609	3.701	3.730	3.729	3.708	1.50
74)	T	N-amyl acetate	0.599	0.589	0.590	0.640	0.708	0.664	0.632	7.65
75)	P	1,1,2,2-Tetrac...	0.667	0.663	0.646	0.613	0.640	0.599	0.638	4.27
76)	T	1,2,3-Trichlor...	0.491	0.462	0.522	0.374	0.383	0.431	0.444	13.28
77)	T	Bromobenzene	0.878	0.885	0.827	0.824	0.841	0.822	0.846	3.35
78)	T	n-propylbenzene	4.449	4.416	4.360	4.446	4.485	4.431	4.431	0.94
79)	T	2-Chlorotoluene	2.494	2.487	2.406	2.449	2.468	2.454	2.459	1.29
80)	T	1,3,5-Trimethy...	3.021	3.012	2.980	3.069	3.095	3.060	3.039	1.39
81)	T	trans-1,4-Dich...	0.188	0.172	0.180	0.192	0.212	0.197	0.190	7.24
82)	T	4-Chlorotoluene	2.587	2.649	2.507	2.594	2.610	2.579	2.588	1.81
83)	T	tert-Butylbenzene	2.545	2.603	2.540	2.617	2.658	2.564	2.588	1.79
84)	T	1,2,4-Trimethy...	3.037	2.943	2.969	3.090	3.144	3.080	3.044	2.51
85)	T	sec-Butylbenzene	3.654	3.667	3.554	3.667	3.713	3.678	3.656	1.47
86)	T	p-Isopropyltol...	3.289	3.222	3.228	3.391	3.397	3.383	3.318	2.48
87)	T	1,3-Dichlorobe...	1.655	1.681	1.594	1.642	1.629	1.606	1.635	1.97
88)	T	1,4-Dichlorobe...	1.640	1.710	1.581	1.593	1.626	1.566	1.619	3.23
89)	T	n-Butylbenzene	3.175	3.175	3.126	3.279	3.265	3.185	3.201	1.84
90)	T	Hexachloroethane	0.644	0.639	0.645	0.687	0.672	0.669	0.660	2.98
91)	T	1,2-Dichlorobe...	1.440	1.409	1.404	1.388	1.407	1.364	1.402	1.78
92)	T	1,2-Dibromo-3-...	0.121	0.127	0.099	0.108	0.114	0.105	0.112	9.33
93)	T	1,2,4-Trichlor...	1.069	1.097	1.040	1.097	1.116	1.079	1.083	2.47
94)	T	Hexachlorobuta...	0.610	0.597	0.589	0.610	0.601	0.599	0.601	1.38
95)	T	Naphthalene	1.891	1.859	1.872	1.980	2.144	2.018	1.961	5.60
96)	T	1,2,3-Trichlor...	0.924	0.967	0.939	0.928	0.965	0.901	0.937	2.70

(#) = Out of Range