Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D031921S.M
Title : SW846 8260
Last Update : Sat Mar 20 02:00:55 2021
Response Via : Initial Calibration

Calibration Files
10 =VD068662.D 5 =VD068661.D 20 =VD068663.D 50 =VD068664.D 100 =VD068665.D 150 =VD068666.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.352	0.483	0.353	0.377	0.424	0.356	0.391	13.56
3)	P	Chloromethane	0.492	0.582	0.446	0.463	0.460	0.446	0.482	10.80
4)	C	Vinyl Chloride	0.557	0.644	0.520	0.554	0.581	0.559	0.569	7.32#
5)	T	Bromomethane	0.407	0.537	0.389	0.381	0.406	0.403	0.421	13.83
6)	T	Chloroethane	0.372	0.431	0.342	0.361	0.372	0.359	0.373	8.18
7)	T	Trichlorofluor...	0.666	0.783	0.640	0.661	0.680	0.642	0.678	7.84
8)	T	Diethyl Ether	0.191	0.168	0.179	0.191	0.202	0.196	0.188	6.48
9)	T	1,1,2-Trichlor...	0.407	0.430	0.391	0.399	0.422	0.386	0.406	4.25
10)	T	Methyl Iodide	0.327	0.352	0.357	0.464	0.519	0.494	0.419	19.85
11)	T	Tert butyl alc...	0.025	0.022	0.024	0.023	0.022	0.023	0.023	4.74
12)	CM	1,1-Dichloroet...	0.392	0.398	0.385	0.400	0.410	0.387	0.395	2.35#
13)	T	Acrolein	0.026	0.020	0.026	0.018	0.018	0.019	0.021	18.72
14)	T	Allyl chloride	0.462	0.479	0.458	0.477	0.517	0.487	0.480	4.39
15)	T	Acrylonitrile	0.095	0.081	0.089	0.093	0.092	0.098	0.091	6.54
16)	T	Acetone	0.065	0.066	0.061	0.059	0.059	0.057	0.061	5.72
17)	T	Carbon Disulfide	1.193	1.397	1.152	1.281	1.320	1.271	1.269	6.94
18)	T	Methyl Acetate	0.160	0.157	0.159	0.173	0.183	0.177	0.168	6.56
19)	T	Methyl tert-bu...	1.005	0.872	0.956	1.004	1.052	1.083	0.995	7.50
20)	T	Methylene Chlo...	0.818	1.049	0.635	0.511	0.505	0.476	0.666	34.04
21)	T	trans-1,2-Dich...	0.534	0.548	0.535	0.549	0.568	0.562	0.549	2.50
22)	T	Diisopropyl ether	1.227	1.092	1.219	1.236	1.269	1.279	1.220	5.52
23)	T	Vinyl Acetate	0.630	0.548	0.617	0.669	0.696	0.730	0.648	9.95
24)	P	1,1-Dichloroet...	0.932	0.893	0.876	0.881	0.891	0.898	0.895	2.20
25)	T	2-Butanone	0.103	0.094	0.098	0.103	0.103	0.107	0.101	4.42
26)	T	2,2-Dichloropr...	0.812	0.844	0.757	0.793	0.787	0.784	0.796	3.68
27)	T	cis-1,2-Dichlo...	0.621	0.597	0.585	0.617	0.624	0.630	0.612	2.87
28)	T	Bromochloromet...	0.328	0.391	0.337	0.365	0.349	0.354	0.354	6.34
29)	T	Tetrahydrofuran	0.064	0.058	0.062	0.066	0.065	0.070	0.064	6.26
30)	C	Chloroform	1.022	0.970	0.969	0.956	0.961	0.957	0.973	2.55#
31)	T	Cyclohexane	0.821	0.934	0.748	0.778	0.818	0.783	0.813	7.99
32)	T	1,1,1-Trichlor...	0.881	0.877	0.856	0.863	0.881	0.853	0.868	1.47
33)	S	1,2-Dichloroet...	0.499	0.482	0.508	0.527	0.503	0.506	0.504	2.87
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.313	0.280	0.322	0.325	0.319	0.308	0.311	5.28
36)	T	1,1-Dichloropr...	0.444	0.451	0.427	0.452	0.468	0.437	0.447	3.16
37)	T	Ethyl Acetate	0.156	0.126	0.137	0.141	0.138	0.147	0.141	7.21
38)	T	Carbon Tetrach...	0.446	0.453	0.435	0.442	0.463	0.435	0.446	2.43
39)	T	Methylcyclohexane	0.509	0.522	0.518	0.575	0.609	0.574	0.551	7.31
40)	TM	Benzene	1.328	1.252	1.263	1.312	1.365	1.298	1.303	3.22
41)	T	Methacrylonitrile	0.089	0.065	0.078	0.090	0.080	0.093	0.082	12.50
42)	TM	1,2-Dichloroet...	0.360	0.316	0.341	0.338	0.355	0.336	0.341	4.51
43)	T	Isopropyl Acetate	0.270	0.235	0.269	0.276	0.287	0.286	0.270	7.05
44)	TM	Trichloroethene	0.371	0.370	0.349	0.359	0.372	0.349	0.362	3.09
45)	C	1,2-Dichloropr...	0.318	0.296	0.304	0.310	0.323	0.319	0.312	3.27#
46)	T	Dibromomethane	0.182	0.172	0.176	0.178	0.178	0.176	0.177	1.85
47)	T	Bromodichlorom...	0.465	0.455	0.453	0.450	0.467	0.438	0.455	2.32
48)	T	Methyl methacr...	0.140	0.117	0.138	0.143	0.148	0.137	0.137	7.82
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	8.04
50)	S	Toluene-d8	1.137	1.057	1.227	1.282	1.285	1.209	1.199	7.38
51)	T	4-Methyl-2-Pen...	0.146	0.121	0.137	0.142	0.148	0.149	0.141	7.42
52)	CM	Toluene	0.808	0.764	0.796	0.846	0.873	0.860	0.825	5.08#
53)	T	t-1,3-Dichloro...	0.437	0.379	0.410	0.418	0.432	0.434	0.418	5.22
54)	T	cis-1,3-Dichlo...	0.497	0.468	0.486	0.497	0.518	0.515	0.497	3.75
55)	T	1,1,2-Trichlor...	0.263	0.240	0.250	0.242	0.253	0.248	0.249	3.39
56)	T	Ethyl methacry...	0.266	0.213	0.262	0.283	0.296	0.297	0.269	11.57

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57)	T	1,3-Dichloropr...	0.427	0.353	0.403	0.414	0.423	0.421	0.407	6.77
58)	T	2-Chloroethyl ...	0.113	0.124	0.127	0.146	0.153	0.161	0.137	13.70
59)	T	2-Hexanone	0.094	0.083	0.090	0.098	0.100	0.102	0.094	7.67
60)	T	Dibromochlorom...	0.323	0.291	0.299	0.306	0.321	0.314	0.309	4.09
61)	T	1,2-Dibromoethane	0.248	0.229	0.235	0.239	0.247	0.246	0.241	3.26
62)	S	4-Bromofluorob...	0.357	0.349	0.389	0.407	0.417	0.413	0.389	7.53
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.321	0.346	0.314	0.330	0.326	0.307	0.324	4.18
65)	PM	Chlorobenzene	1.010	0.949	0.963	1.006	0.988	0.988	0.984	2.41
66)	T	1,1,1,2-Tetrac...	0.359	0.353	0.343	0.358	0.357	0.355	0.354	1.70
67)	C	Ethyl Benzene	1.669	1.580	1.670	1.782	1.800	1.799	1.717	5.28#
68)	T	m/p-Xylenes	0.649	0.612	0.660	0.689	0.705	0.699	0.669	5.33
69)	T	o-Xylene	0.595	0.572	0.583	0.642	0.664	0.663	0.620	6.67
70)	T	Styrene	1.014	0.897	1.048	1.122	1.157	1.154	1.065	9.45
71)	P	Bromoform	0.192	0.170	0.183	0.193	0.191	0.191	0.187	4.74
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.370	3.224	3.301	3.484	3.647	3.586	3.435	4.81
74)	T	N-amyl acetate	0.566	0.483	0.539	0.597	0.604	0.646	0.573	9.93
75)	P	1,1,2,2-Tetrac...	0.657	0.607	0.578	0.600	0.593	0.605	0.607	4.42
76)	T	1,2,3-Trichlor...	0.433	0.404	0.464	0.394	0.390	0.412	0.416	6.63
77)	T	Bromobenzene	0.821	0.796	0.776	0.813	0.812	0.817	0.806	2.12
78)	T	n-propylbenzene	4.085	3.777	3.979	4.202	4.347	4.153	4.090	4.80
79)	T	2-Chlorotoluene	2.249	2.112	2.186	2.247	2.302	2.298	2.232	3.24
80)	T	1,3,5-Trimethy...	2.730	2.522	2.725	2.843	2.939	2.911	2.778	5.53
81)	T	trans-1,4-Dich...	0.180	0.170	0.172	0.190	0.188	0.198	0.183	5.92
82)	T	4-Chlorotoluene	2.378	2.306	2.314	2.424	2.433	2.452	2.385	2.64
83)	T	tert-Butylbenzene	2.289	2.114	2.302	2.453	2.545	2.504	2.368	6.87
84)	T	1,2,4-Trimethy...	2.844	2.521	2.765	3.000	3.089	3.001	2.870	7.23
85)	T	sec-Butylbenzene	3.379	3.195	3.315	3.564	3.664	3.538	3.442	5.11
86)	T	p-Isopropyltol...	3.051	2.830	3.031	3.262	3.345	3.275	3.132	6.23
87)	T	1,3-Dichlorobe...	1.648	1.588	1.568	1.606	1.642	1.588	1.607	1.99
88)	T	1,4-Dichlorobe...	1.681	1.557	1.513	1.577	1.589	1.560	1.580	3.56
89)	T	n-Butylbenzene	2.850	2.757	2.839	3.110	3.188	3.096	2.974	6.01
90)	T	Hexachloroethane	0.614	0.595	0.565	0.493	0.621	0.494	0.564	10.20
91)	T	1,2-Dichlorobe...	1.390	1.345	1.332	1.363	1.388	1.374	1.365	1.71
92)	T	1,2-Dibromo-3-...	0.095	0.076	0.081	0.089	0.087	0.093	0.087	8.42
93)	T	1,2,4-Trichlor...	0.867	0.880	0.834	0.887	0.927	0.928	0.887	4.10
94)	T	Hexachlorobuta...	0.494	0.500	0.498	0.518	0.526	0.504	0.506	2.54
95)	T	Naphthalene	1.465	1.315	1.455	1.633	1.695	1.754	1.553	10.81
96)	T	1,2,3-Trichlor...	0.754	0.666	0.744	0.783	0.788	0.797	0.755	6.42

(#) = Out of Range