Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D011921S.M
Title : SW846 8260
Last Update : Tue Jan 19 13:19:08 2021
Response Via : Initial Calibration

Calibration Files
10 =VD068083.D 5 =VD068082.D 20 =VD068084.D 50 =VD068085.D 100 =VD068086.D 150 =VD068087.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.634	0.631	0.610	0.581	0.556	0.552	0.594	6.08
3)	P	Chloromethane	0.689	0.700	0.642	0.614	0.596	0.596	0.640	7.21
4)	C	Vinyl Chloride	0.744	0.718	0.717	0.714	0.693	0.682	0.711	3.01#
5)	T	Bromomethane	0.533	0.520	0.475	0.477	0.463	0.459	0.488	6.30
6)	T	Chloroethane	0.457	0.434	0.437	0.441	0.421	0.418	0.435	3.27
7)	T	Trichlorofluor...	1.007	0.949	0.933	0.931	0.898	0.885	0.934	4.61
8)	T	Diethyl Ether	0.279	0.296	0.265	0.276	0.270	0.264	0.275	4.33
9)	T	1,1,2-Trichlor...	0.563	0.565	0.542	0.546	0.528	0.525	0.545	3.09
10)	T	Methyl Iodide	0.424	0.354	0.487	0.624	0.640	0.634	0.527	23.39
11)	T	Tert butyl alc...	0.092	0.122	0.061	0.043	0.039	0.035	0.065	53.34
12)	CM	1,1-Dichloroet...	0.588	0.547	0.546	0.555	0.527	0.525	0.548	4.18#
13)	T	Acrolein	0.040	0.042	0.041	0.035	0.035	0.033	0.038	9.88
14)	T	Allyl chloride	0.816	0.795	0.786	0.817	0.791	0.776	0.797	2.07
15)	T	Acrylonitrile	0.112	0.107	0.106	0.114	0.110	0.106	0.109	3.32
16)	T	Acetone	0.099	0.085	0.079	0.088	0.083	0.079	0.085	8.65
17)	T	Carbon Disulfide	1.854	1.750	1.758	1.788	1.730	1.706	1.764	2.93
18)	T	Methyl Acetate	0.217	0.234	0.220	0.226	0.220	0.214	0.222	3.25
19)	T	Methyl tert-bu...	1.296	1.278	1.239	1.309	1.254	1.222	1.266	2.66
20)	T	Methylene Chlo...	0.843	0.867	0.642	0.612	0.578	0.561	0.684	19.87
21)	T	trans-1,2-Dich...	0.666	0.653	0.609	0.631	0.612	0.603	0.629	4.09
22)	T	Diisopropyl ether	1.653	1.634	1.588	1.657	1.583	1.532	1.608	3.05
23)	T	Vinyl Acetate	0.856	0.792	0.838	0.907	0.887	0.862	0.857	4.67
24)	P	1,1-Dichloroet...	1.085	1.032	1.033	1.063	1.027	1.011	1.042	2.59
25)	T	2-Butanone	0.136	0.136	0.125	0.130	0.125	0.120	0.129	4.99
26)	T	2,2-Dichloropr...	1.043	1.054	0.960	0.991	0.939	0.928	0.986	5.40
27)	T	cis-1,2-Dichlo...	0.702	0.676	0.684	0.698	0.670	0.667	0.683	2.16
28)	T	Bromochloromet...	0.372	0.382	0.383	0.329	0.331	0.332	0.355	7.58
29)	T	Tetrahydrofuran	0.085	0.089	0.080	0.085	0.081	0.078	0.083	4.72
30)	C	Chloroform	1.081	1.099	1.025	1.060	1.036	1.016	1.053	3.14#
31)	T	Cyclohexane	1.135	1.171	1.004	1.009	0.956	0.940	1.036	9.18
32)	T	1,1,1-Trichlor...	0.979	0.971	0.942	0.963	0.925	0.914	0.949	2.76
33)	S	1,2-Dichloroet...	0.529	0.530	0.517	0.450	0.423	0.422	0.478	10.96
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.300	0.282	0.298	0.268	0.253	0.257	0.276	7.29
36)	T	1,1-Dichloropr...	0.528	0.523	0.494	0.504	0.491	0.485	0.504	3.53
37)	T	Ethyl Acetate	0.180	0.195	0.172	0.181	0.173	0.168	0.178	5.44
38)	T	Carbon Tetrach...	0.484	0.478	0.460	0.483	0.463	0.463	0.472	2.31
39)	T	Methylcyclohexane	0.691	0.664	0.649	0.672	0.644	0.635	0.659	3.13
40)	TM	Benzene	1.468	1.422	1.387	1.437	1.381	1.364	1.410	2.78
41)	T	Methacrylonitrile	0.111	0.119	0.110	0.116	0.096	0.094	0.108	9.62
42)	TM	1,2-Dichloroet...	0.384	0.378	0.373	0.386	0.373	0.364	0.377	2.14
43)	T	Isopropyl Acetate	0.393	0.383	0.362	0.381	0.361	0.351	0.372	4.39
44)	TM	Trichloroethene	0.404	0.392	0.381	0.396	0.377	0.372	0.387	3.15
45)	C	1,2-Dichloropr...	0.364	0.346	0.338	0.352	0.338	0.333	0.345	3.39#
46)	T	Dibromomethane	0.186	0.172	0.167	0.183	0.174	0.169	0.175	4.37
47)	T	Bromodichlorom...	0.486	0.465	0.462	0.490	0.470	0.458	0.472	2.82
48)	T	Methyl methacr...	0.198	0.177	0.180	0.195	0.184	0.176	0.185	4.99
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	4.22
50)	S	Toluene-d8	1.284	1.194	1.219	1.011	0.956	0.972	1.106	12.91
51)	T	4-Methyl-2-Pen...	0.182	0.172	0.169	0.180	0.171	0.163	0.173	4.17
52)	CM	Toluene	0.951	0.928	0.907	0.934	0.898	0.892	0.919	2.51#
53)	T	t-1,3-Dichloro...	0.502	0.476	0.471	0.495	0.467	0.455	0.478	3.63
54)	T	cis-1,3-Dichlo...	0.584	0.588	0.562	0.580	0.552	0.546	0.569	3.14
55)	T	1,1,2-Trichlor...	0.257	0.249	0.240	0.255	0.247	0.239	0.248	3.07
56)	T	Ethyl methacry...	0.340	0.336	0.324	0.341	0.325	0.316	0.330	3.02

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57)	T	1,3-Dichloropr...	0.459	0.437	0.427	0.452	0.428	0.422	0.437	3.42
58)	T	2-Chloroethyl ...	0.165	0.152	0.162	0.146	0.144	0.146	0.152	5.98
59)	T	2-Hexanone	0.132	0.119	0.116	0.123	0.117	0.112	0.120	5.85
60)	T	Dibromochlorom...	0.325	0.312	0.305	0.319	0.306	0.299	0.311	3.16
61)	T	1,2-Dibromoethane	0.259	0.244	0.238	0.252	0.240	0.234	0.245	3.80
62)	S	4-Bromofluorob...	0.443	0.435	0.425	0.378	0.352	0.356	0.398	10.32
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.371	0.383	0.352	0.351	0.330	0.328	0.352	6.19
65)	PM	Chlorobenzene	1.098	1.094	1.063	1.077	1.028	1.014	1.062	3.29
66)	T	1,1,1,2-Tetrac...	0.387	0.372	0.363	0.387	0.370	0.363	0.374	2.98
67)	C	Ethyl Benzene	2.062	1.995	1.949	2.000	1.915	1.880	1.967	3.33#
68)	T	m/p-Xylenes	0.782	0.742	0.738	0.753	0.725	0.716	0.743	3.17
69)	T	o-Xylene	0.726	0.697	0.673	0.699	0.674	0.667	0.690	3.25
70)	T	Styrene	1.222	1.166	1.167	1.213	1.156	1.140	1.177	2.79
71)	P	Bromoform	0.197	0.186	0.189	0.194	0.188	0.182	0.189	2.87
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.338	4.229	4.102	4.231	4.056	4.007	4.160	3.02
74)	T	N-amyl acetate	0.885	0.902	0.845	0.886	0.851	0.820	0.865	3.60
75)	P	1,1,2,2-Tetrac...	0.715	0.645	0.639	0.684	0.646	0.641	0.662	4.69
76)	T	1,2,3-Trichlor...	0.543	0.526	0.432	0.543	0.430	0.427	0.483	12.24
77)	T	Bromobenzene	0.922	0.894	0.870	0.917	0.879	0.870	0.892	2.58
78)	T	n-propylbenzene	5.157	5.009	4.904	4.975	4.763	4.725	4.922	3.28
79)	T	2-Chlorotoluene	2.867	2.797	2.732	2.791	2.706	2.688	2.764	2.44
80)	T	1,3,5-Trimethy...	3.593	3.552	3.436	3.509	3.377	3.324	3.465	3.01
81)	T	trans-1,4-Dich...	0.246	0.241	0.234	0.245	0.234	0.232	0.239	2.56
82)	T	4-Chlorotoluene	2.961	2.910	2.860	2.908	2.796	2.806	2.874	2.26
83)	T	tert-Butylbenzene	3.014	2.998	2.882	3.017	2.882	2.824	2.936	2.84
84)	T	1,2,4-Trimethy...	3.551	3.509	3.432	3.477	3.357	3.311	3.439	2.67
85)	T	sec-Butylbenzene	4.311	4.183	4.072	4.151	4.022	3.903	4.107	3.43
86)	T	p-Isopropyltol...	3.903	3.776	3.701	3.784	3.643	3.606	3.736	2.90
87)	T	1,3-Dichlorobe...	1.766	1.738	1.700	1.740	1.674	1.671	1.715	2.27
88)	T	1,4-Dichlorobe...	1.766	1.718	1.668	1.720	1.647	1.619	1.690	3.21
89)	T	n-Butylbenzene	3.766	3.682	3.558	3.638	3.451	3.414	3.585	3.80
90)	T	Hexachloroethane	0.682	0.658	0.653	0.701	0.680	0.676	0.675	2.61
91)	T	1,2-Dichlorobe...	1.526	1.445	1.459	1.517	1.448	1.418	1.469	2.94
92)	T	1,2-Dibromo-3-...	0.111	0.117	0.105	0.111	0.104	0.102	0.108	5.29
93)	T	1,2,4-Trichlor...	1.049	1.021	0.978	1.040	0.983	0.971	1.007	3.37
94)	T	Hexachlorobuta...	0.586	0.557	0.549	0.565	0.550	0.543	0.558	2.79
95)	T	Naphthalene	1.954	1.908	1.827	1.935	1.872	1.833	1.888	2.81
96)	T	1,2,3-Trichlor...	0.853	0.880	0.839	0.874	0.827	0.824	0.849	2.81

(#) = Out of Range