Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D040721S.M
Title : SW846 8260
Last Update : Wed Apr 07 12:52:52 2021
Response Via : Initial Calibration

Calibration Files
10 =VD068774.D 5 =VD068773.D 20 =VD068775.D 50 =VD068776.D 100 =VD068777.D 150 =VD068778.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.538	0.553	0.492	0.483	0.464	0.442	0.495	8.60
3)	P	Chloromethane	0.609	0.691	0.564	0.562	0.546	0.522	0.582	10.38
4)	C	Vinyl Chloride	0.774	0.823	0.698	0.710	0.705	0.680	0.732	7.52#
5)	T	Bromomethane	0.596	0.674	0.508	0.500	0.506	0.497	0.547	13.30
6)	T	Chloroethane	0.501	0.537	0.479	0.466	0.460	0.441	0.481	7.05
7)	T	Trichlorofluor...	0.921	0.977	0.842	0.817	0.813	0.796	0.861	8.36
8)	T	Diethyl Ether	0.226	0.216	0.223	0.249	0.240	0.242	0.233	5.51
9)	T	1,1,2-Trichlor...	0.532	0.553	0.505	0.539	0.506	0.483	0.520	5.02
10)	T	Methyl Iodide	0.434	0.414	0.485	0.630	0.650	0.614	0.538	19.61
11)	T	Tert butyl alc...	0.037	0.053	0.034	0.030	0.026	0.026	0.034	29.33
12)	CM	1,1-Dichloroet...	0.509	0.523	0.473	0.512	0.498	0.487	0.501	3.62#
13)	T	Acrolein	0.022	0.024	0.020	0.021	0.018	0.020	0.021	10.29
14)	T	Allyl chloride	0.552	0.531	0.581	0.580	0.579	0.562	0.564	3.53
15)	T	Acrylonitrile	0.105	0.111	0.104	0.106	0.099	0.102	0.104	3.86
16)	T	Acetone	0.073	0.086	0.071	0.073	0.068	0.068	0.073	9.10
17)	T	Carbon Disulfide	1.594	1.742	1.521	1.701	1.613	1.549	1.620	5.32
18)	T	Methyl Acetate	0.209	0.215	0.200	0.201	0.186	0.195	0.201	5.06
19)	T	Methyl tert-bu...	1.079	1.087	1.105	1.147	1.110	1.135	1.110	2.40
20)	T	Methylene Chlo...	0.715	0.915	0.692	0.638	0.569	0.548	0.679	19.52
21)	T	trans-1,2-Dich...	0.668	0.711	0.636	0.638	0.615	0.588	0.643	6.66
22)	T	Diisopropyl ether	1.392	1.321	1.399	1.413	1.353	1.322	1.367	2.95
23)	T	Vinyl Acetate	0.682	0.502	0.720	0.781	0.765	0.783	0.706	15.19
24)	P	1,1-Dichloroet...	1.108	1.119	1.011	1.019	0.976	0.949	1.030	6.70
25)	T	2-Butanone	0.103	0.110	0.101	0.109	0.097	0.101	0.104	5.05
26)	T	2,2-Dichloropr...	0.928	0.980	0.806	0.808	0.779	0.749	0.842	10.84
27)	T	cis-1,2-Dichlo...	0.652	0.726	0.606	0.642	0.609	0.597	0.639	7.49
28)	T	Bromochloromet...	0.362	0.431	0.363	0.375	0.353	0.348	0.372	8.17
29)	T	Tetrahydrofuran	0.067	0.066	0.072	0.075	0.069	0.070	0.070	4.76
30)	C	Chloroform	1.179	1.264	1.134	1.114	1.053	1.023	1.128	7.73#
31)	T	Cyclohexane	0.942	1.003	0.869	0.852	0.834	0.776	0.879	9.20
32)	T	1,1,1-Trichlor...	1.067	1.070	0.963	0.981	0.937	0.895	0.986	7.13
33)	S	1,2-Dichloroet...	0.533	0.564	0.545	0.516	0.513	0.498	0.528	4.52
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.329	0.329	0.333	0.320	0.326	0.314	0.325	2.11
36)	T	1,1-Dichloropr...	0.515	0.541	0.495	0.503	0.502	0.481	0.506	4.03
37)	T	Ethyl Acetate	0.164	0.166	0.139	0.142	0.138	0.143	0.149	8.41
38)	T	Carbon Tetrach...	0.499	0.532	0.507	0.503	0.493	0.472	0.501	3.88
39)	T	Methylcyclohexane	0.567	0.565	0.566	0.620	0.629	0.595	0.590	4.88
40)	TM	Benzene	1.534	1.581	1.452	1.475	1.445	1.399	1.481	4.43
41)	T	Methacrylonitrile	0.104	0.085	0.095	0.073	0.084	0.087	0.088	12.34
42)	TM	1,2-Dichloroet...	0.411	0.416	0.388	0.390	0.374	0.370	0.391	4.77
43)	T	Isopropyl Acetate	0.294	0.299	0.295	0.307	0.309	0.315	0.303	2.76
44)	TM	Trichloroethene	0.428	0.434	0.406	0.406	0.394	0.387	0.409	4.49
45)	C	1,2-Dichloropr...	0.360	0.380	0.355	0.350	0.343	0.336	0.354	4.38#
46)	T	Dibromomethane	0.202	0.203	0.198	0.199	0.191	0.190	0.197	2.86
47)	T	Bromodichlorom...	0.538	0.554	0.498	0.507	0.503	0.489	0.515	4.92
48)	T	Methyl methacr...	0.138	0.126	0.155	0.161	0.156	0.160	0.149	9.39
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	9.80
50)	S	Toluene-d8	1.179	1.156	1.261	1.224	1.292	1.249	1.227	4.20
51)	T	4-Methyl-2-Pen...	0.149	0.137	0.152	0.162	0.157	0.159	0.153	5.94
52)	CM	Toluene	0.954	0.885	0.917	0.966	0.958	0.947	0.938	3.30#
53)	T	t-1,3-Dichloro...	0.458	0.445	0.462	0.466	0.454	0.453	0.456	1.66
54)	T	cis-1,3-Dichlo...	0.543	0.535	0.553	0.556	0.543	0.545	0.546	1.38
55)	T	1,1,2-Trichlor...	0.282	0.306	0.273	0.279	0.264	0.268	0.279	5.40
56)	T	Ethyl methacry...	0.266	0.238	0.280	0.310	0.305	0.321	0.287	10.97

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57)	T	1,3-Dichloropr...	0.466	0.465	0.459	0.461	0.451	0.451	0.459	1.45
58)	T	2-Chloroethyl ...	0.104	0.142	0.123	0.155	0.151	0.163	0.140	15.97
59)	T	2-Hexanone	0.099	0.086	0.102	0.110	0.106	0.110	0.102	8.95
60)	T	Dibromochlorom...	0.364	0.355	0.343	0.348	0.342	0.344	0.349	2.46
61)	T	1,2-Dibromoethane	0.275	0.283	0.268	0.270	0.264	0.264	0.271	2.75
62)	S	4-Bromofluorob...	0.403	0.388	0.407	0.405	0.421	0.420	0.407	2.96
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.390	0.375	0.340	0.346	0.334	0.318	0.350	7.64
65)	PM	Chlorobenzene	1.130	1.102	1.054	1.096	1.065	1.047	1.082	3.00
66)	T	1,1,1,2-Tetrac...	0.401	0.398	0.386	0.393	0.378	0.379	0.389	2.50
67)	C	Ethyl Benzene	1.880	1.767	1.798	1.957	1.949	1.894	1.874	4.16#
68)	T	m/p-Xylenes	0.735	0.659	0.714	0.751	0.752	0.728	0.723	4.78
69)	T	o-Xylene	0.648	0.579	0.645	0.693	0.697	0.683	0.658	6.75
70)	T	Styrene	1.122	1.005	1.134	1.217	1.209	1.190	1.146	6.93
71)	P	Bromoform	0.225	0.205	0.206	0.211	0.203	0.201	0.208	4.29
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.656	3.297	3.544	3.778	3.908	3.722	3.651	5.80
74)	T	N-amyl acetate	0.574	0.569	0.606	0.648	0.654	0.664	0.619	6.74
75)	P	1,1,2,2-Tetrac...	0.728	0.730	0.684	0.679	0.642	0.632	0.682	6.07
76)	T	1,2,3-Trichlor...	0.485	0.500	0.446	0.449	0.427	0.433	0.457	6.44
77)	T	Bromobenzene	0.916	0.899	0.860	0.863	0.872	0.856	0.878	2.77
78)	T	n-propylbenzene	4.464	4.162	4.299	4.593	4.676	4.412	4.434	4.25
79)	T	2-Chlorotoluene	2.511	2.411	2.370	2.515	2.592	2.464	2.477	3.22
80)	T	1,3,5-Trimethy...	3.059	2.724	2.944	3.215	3.262	3.110	3.052	6.44
81)	T	trans-1,4-Dich...	0.180	0.200	0.197	0.210	0.199	0.194	0.197	5.09
82)	T	4-Chlorotoluene	2.755	2.491	2.550	2.647	2.700	2.610	2.626	3.68
83)	T	tert-Butylbenzene	2.514	2.537	2.403	2.693	2.769	2.624	2.590	5.11
84)	T	1,2,4-Trimethy...	3.027	2.715	3.055	3.247	3.298	3.153	3.083	6.76
85)	T	sec-Butylbenzene	3.628	3.323	3.509	3.836	3.908	3.722	3.654	5.92
86)	T	p-Isopropyltol...	3.222	3.036	3.222	3.511	3.611	3.425	3.338	6.43
87)	T	1,3-Dichlorobe...	1.836	1.745	1.692	1.759	1.731	1.670	1.739	3.33
88)	T	1,4-Dichlorobe...	1.812	1.806	1.686	1.715	1.684	1.622	1.721	4.35
89)	T	n-Butylbenzene	3.008	2.936	2.965	3.319	3.430	3.205	3.144	6.52
90)	T	Hexachloroethane	0.679	0.699	0.628	0.667	0.676	0.641	0.665	3.96
91)	T	1,2-Dichlorobe...	1.553	1.566	1.457	1.519	1.492	1.440	1.505	3.38
92)	T	1,2-Dibromo-3-...	0.106	0.118	0.100	0.102	0.101	0.096	0.104	7.41
93)	T	1,2,4-Trichlor...	0.940	0.913	0.889	0.941	0.969	0.934	0.931	2.94
94)	T	Hexachlorobuta...	0.525	0.518	0.508	0.558	0.557	0.533	0.533	3.86
95)	T	Naphthalene	1.496	1.367	1.528	1.748	1.771	1.821	1.622	11.29
96)	T	1,2,3-Trichlor...	0.792	0.847	0.765	0.842	0.826	0.813	0.814	3.83

(#) = Out of Range