Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D021221S.M
Title : SW846 8260
Last Update : Fri Feb 12 13:30:51 2021
Response Via : Initial Calibration

Calibration Files
10 =VD068352.D 5 =VD068351.D 20 =VD068353.D 50 =VD068354.D 100 =VD068355.D 150 =VD068356.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.509	0.556	0.474	0.407	0.401	0.403	0.458	14.27
3)	P	Chloromethane	0.603	0.661	0.548	0.487	0.482	0.491	0.545	13.49
4)	C	Vinyl Chloride	0.690	0.756	0.662	0.598	0.602	0.610	0.653	9.59#
5)	T	Bromomethane	0.511	0.564	0.461	0.408	0.418	0.438	0.467	12.87
6)	T	Chloroethane	0.457	0.478	0.431	0.395	0.396	0.402	0.427	8.12
7)	T	Trichlorofluor...	0.877	0.912	0.801	0.741	0.744	0.748	0.804	9.26
8)	T	Diethyl Ether	0.245	0.244	0.235	0.225	0.231	0.236	0.236	3.35
9)	T	1,1,2-Trichlor...	0.538	0.543	0.489	0.451	0.457	0.456	0.489	8.60
10)	T	Methyl Iodide	0.411	0.425	0.426	0.454	0.514	0.526	0.459	10.72
11)	T	Tert butyl alc...	0.026	0.027	0.026	0.024	0.025	0.026	0.026	3.65
12)	CM	1,1-Dichloroet...	0.512	0.538	0.473	0.443	0.437	0.451	0.476	8.62#
13)	T	Acrolein	0.027	0.028	0.024	0.032	0.033	0.032	0.029	11.70
14)	T	Allyl chloride	0.646	0.665	0.614	0.586	0.591	0.607	0.618	5.06
15)	T	Acrylonitrile	0.108	0.099	0.102	0.097	0.101	0.103	0.102	3.75
16)	T	Acetone	0.084	0.082	0.073	0.078	0.077	0.079	0.079	4.66
17)	T	Carbon Disulfide	1.430	1.721	1.348	1.240	1.249	1.276	1.377	13.29
18)	T	Methyl Acetate	0.203	0.267	0.197	0.202	0.212	0.217	0.216	11.95
19)	T	Methyl tert-bu...	1.108	1.087	1.063	1.027	1.060	1.092	1.073	2.71
20)	T	Methylene Chlo...	0.729	0.833	0.613	0.537	0.523	0.530	0.628	20.32
21)	T	trans-1,2-Dich...	0.598	0.616	0.538	0.512	0.514	0.524	0.550	8.23
22)	T	Diisopropyl ether	1.463	1.342	1.369	1.303	1.343	1.390	1.368	4.01
23)	T	Vinyl Acetate	0.711	0.613	0.702	0.697	0.735	0.781	0.706	7.83
24)	P	1,1-Dichloroet...	0.994	0.998	0.924	0.894	0.893	0.915	0.936	5.12
25)	T	2-Butanone	0.110	0.108	0.111	0.107	0.110	0.115	0.110	2.50
26)	T	2,2-Dichloropr...	0.850	0.863	0.781	0.750	0.763	0.797	0.801	5.78
27)	T	cis-1,2-Dichlo...	0.649	0.684	0.621	0.583	0.595	0.621	0.626	5.86
28)	T	Bromochloromet...	0.398	0.368	0.390	0.380	0.396	0.398	0.388	3.09
29)	T	Tetrahydrofuran	0.075	0.072	0.071	0.068	0.070	0.073	0.071	3.36
30)	C	Chloroform	1.044	1.017	0.979	0.918	0.930	0.954	0.974	5.09#
31)	T	Cyclohexane	0.901	1.100	0.834	0.736	0.735	0.748	0.843	16.92
32)	T	1,1,1-Trichlor...	0.884	0.899	0.839	0.799	0.803	0.824	0.841	4.94
33)	S	1,2-Dichloroet...	0.516	0.472	0.486	0.515	0.534	0.543	0.511	5.39
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.301	0.262	0.277	0.307	0.321	0.312	0.297	7.60
36)	T	1,1-Dichloropr...	0.477	0.513	0.427	0.407	0.411	0.419	0.442	9.69
37)	T	Ethyl Acetate	0.153	0.144	0.149	0.146	0.150	0.155	0.149	2.76
38)	T	Carbon Tetrach...	0.442	0.467	0.409	0.400	0.405	0.408	0.422	6.31
39)	T	Methylcyclohexane	0.559	0.633	0.524	0.506	0.518	0.517	0.543	8.85
40)	TM	Benzene	1.349	1.354	1.236	1.197	1.209	1.225	1.262	5.61
41)	T	Methacrylonitrile	0.087	0.085	0.089	0.090	0.082	0.084	0.086	3.24
42)	TM	1,2-Dichloroet...	0.353	0.340	0.344	0.323	0.327	0.332	0.337	3.30
43)	T	Isopropyl Acetate	0.289	0.270	0.279	0.285	0.293	0.300	0.286	3.66
44)	TM	Trichloroethene	0.372	0.371	0.335	0.328	0.325	0.329	0.343	6.41
45)	C	1,2-Dichloropr...	0.326	0.324	0.302	0.292	0.299	0.305	0.308	4.48#
46)	T	Dibromomethane	0.172	0.179	0.168	0.158	0.161	0.165	0.167	4.48
47)	T	Bromodichlorom...	0.459	0.437	0.424	0.424	0.423	0.432	0.433	3.19
48)	T	Methyl methacr...	0.143	0.144	0.136	0.131	0.149	0.153	0.143	5.74
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	1.91
50)	S	Toluene-d8	1.225	1.159	1.154	1.253	1.305	1.286	1.230	5.16
51)	T	4-Methyl-2-Pen...	0.149	0.138	0.145	0.146	0.151	0.153	0.147	3.71
52)	CM	Toluene	0.865	0.853	0.786	0.767	0.794	0.803	0.811	4.77#
53)	T	t-1,3-Dichloro...	0.406	0.402	0.390	0.393	0.403	0.410	0.401	1.90
54)	T	cis-1,3-Dichlo...	0.519	0.488	0.492	0.468	0.479	0.492	0.490	3.51
55)	T	1,1,2-Trichlor...	0.248	0.234	0.219	0.223	0.227	0.233	0.231	4.49
56)	T	Ethyl methacry...	0.275	0.255	0.262	0.274	0.284	0.292	0.274	4.99

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57)	T	1,3-Dichloropr...	0.428	0.409	0.413	0.386	0.395	0.400	0.405	3.66
58)	T	2-Chloroethyl ...	0.138	0.153	0.137	0.145	0.154	0.152	0.147	5.30
59)	T	2-Hexanone	0.100	0.091	0.098	0.099	0.103	0.105	0.099	4.79
60)	T	Dibromochlorom...	0.298	0.293	0.277	0.274	0.283	0.292	0.286	3.36
61)	T	1,2-Dibromoethane	0.233	0.222	0.223	0.215	0.220	0.225	0.223	2.63
62)	S	4-Bromofluorob...	0.386	0.411	0.380	0.396	0.418	0.413	0.401	3.92
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.331	0.363	0.308	0.284	0.278	0.283	0.308	10.94
65)	PM	Chlorobenzene	1.014	1.052	0.955	0.911	0.911	0.924	0.961	6.15
66)	T	1,1,1,2-Tetrac...	0.354	0.344	0.328	0.325	0.328	0.334	0.335	3.42
67)	C	Ethyl Benzene	1.773	1.825	1.711	1.660	1.674	1.698	1.724	3.67#
68)	T	m/p-Xylenes	0.676	0.696	0.643	0.620	0.632	0.641	0.651	4.41
69)	T	o-Xylene	0.615	0.596	0.597	0.580	0.593	0.604	0.598	1.93
70)	T	Styrene	1.065	1.075	1.024	1.003	1.021	1.049	1.040	2.70
71)	P	Bromoform	0.179	0.178	0.169	0.168	0.167	0.173	0.172	3.06
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.873	3.826	3.577	3.591	3.507	3.540	3.652	4.28
74)	T	N-amyl acetate	0.662	0.584	0.609	0.658	0.657	0.699	0.645	6.40
75)	P	1,1,2,2-Tetrac...	0.680	0.660	0.629	0.615	0.596	0.617	0.633	4.92
76)	T	1,2,3-Trichlor...	0.474	0.569	0.437	0.457	0.450	0.468	0.476	9.99
77)	T	Bromobenzene	0.872	0.906	0.778	0.785	0.771	0.784	0.816	7.07
78)	T	n-propylbenzene	4.725	4.663	4.248	4.245	4.187	4.163	4.372	5.78
79)	T	2-Chlorotoluene	2.545	2.628	2.355	2.348	2.311	2.342	2.421	5.42
80)	T	1,3,5-Trimethy...	3.194	3.092	2.907	2.950	2.861	2.902	2.984	4.36
81)	T	trans-1,4-Dich...	0.195	0.177	0.181	0.190	0.196	0.200	0.190	4.80
82)	T	4-Chlorotoluene	2.700	2.720	2.532	2.472	2.435	2.501	2.560	4.72
83)	T	tert-Butylbenzene	2.707	2.704	2.519	2.554	2.541	2.507	2.589	3.55
84)	T	1,2,4-Trimethy...	3.184	3.054	2.872	2.925	2.902	2.903	2.973	4.08
85)	T	sec-Butylbenzene	3.790	3.827	3.493	3.621	3.510	3.481	3.621	4.26
86)	T	p-Isopropyltol...	3.387	3.332	3.174	3.230	3.208	3.173	3.251	2.73
87)	T	1,3-Dichlorobe...	1.672	1.716	1.523	1.526	1.509	1.525	1.578	5.77
88)	T	1,4-Dichlorobe...	1.717	1.738	1.521	1.487	1.469	1.492	1.571	7.80
89)	T	n-Butylbenzene	3.387	3.330	3.077	3.106	3.084	3.048	3.172	4.64
90)	T	Hexachloroethane	0.626	0.601	0.557	0.579	0.587	0.590	0.590	3.86
91)	T	1,2-Dichlorobe...	1.455	1.458	1.348	1.330	1.308	1.313	1.369	5.09
92)	T	1,2-Dibromo-3-...	0.087	0.104	0.091	0.093	0.088	0.092	0.093	6.45
93)	T	1,2,4-Trichlor...	0.953	0.905	0.873	0.885	0.876	0.887	0.896	3.34
94)	T	Hexachlorobuta...	0.497	0.539	0.482	0.487	0.481	0.473	0.493	4.87
95)	T	Naphthalene	1.687	1.615	1.617	1.667	1.689	1.724	1.667	2.59
96)	T	1,2,3-Trichlor...	0.811	0.836	0.760	0.767	0.759	0.759	0.782	4.27

(#) = Out of Range