Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D083024S.M
Title : SW846 8260
Last Update : Fri Aug 30 15:57:30 2024
Response Via : Initial Calibration

Calibration Files
5 =VD079747.D 10 =VD079748.D 20 =VD079749.D 50 =VD079750.D 100 =VD079751.D 150 =VD079752.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.669	0.655	0.604	0.547	0.553	0.574	0.600	8.66
3)	P	Chloromethane	1.350	1.333	1.264	1.155	1.184	1.219	1.251	6.33
4)	C	Vinyl Chloride	1.611	1.556	1.565	1.437	1.403	1.469	1.507	5.45#
5)	T	Bromomethane	1.150	1.137	1.069	0.942	0.949	1.011	1.043	8.71
6)	T	Chloroethane	1.045	1.074	1.079	0.969	0.977	0.986	1.022	4.93
7)	T	Trichlorofluor...	1.254	1.249	1.144	1.073	1.040	1.065	1.137	8.33
8)	T	Diethyl Ether	0.355	0.351	0.354	0.337	0.367	0.401	0.361	6.12
9)	T	1,1,2-Trichlor...	0.749	0.672	0.618	0.600	0.581	0.601	0.637	9.92
10)	T	Methyl Iodide	0.588	0.673	0.725	0.769	0.813	0.836	0.734	12.62
11)	T	Tert butyl alc...	0.035	0.033	0.035	0.033	0.031	0.036	0.034	5.83
12)	CM	1,1-Dichloroet...	0.675	0.672	0.648	0.652	0.667	0.698	0.669	2.68#
13)	T	Acrolein	0.065	0.068	0.069	0.058	0.063	0.070	0.066	6.63
14)	T	Allyl chloride	0.847	0.954	0.973	0.977	1.038	1.122	0.985	9.25
15)	T	Acrylonitrile	0.158	0.148	0.162	0.158	0.163	0.186	0.163	7.78
16)	T	Acetone	0.141	0.144	0.136	0.145	0.132	0.150	0.141	4.66
17)	T	Carbon Disulfide	2.508	2.567	2.455	2.361	2.358	2.421	2.445	3.38
18)	T	Methyl Acetate	0.418	0.405	0.438	0.382	0.371	0.418	0.406	6.18
19)	T	Methyl tert-bu...	1.345	1.314	1.416	1.469	1.553	1.682	1.463	9.39
20)	T	Methylene Chlo...	1.465	1.100	0.905	0.831	0.805	0.836	0.990	25.87
21)	T	trans-1,2-Dich...	0.718	0.751	0.733	0.722	0.751	0.777	0.742	2.99
22)	T	Diisopropyl ether	1.601	1.935	2.105	2.134	2.268	2.395	2.073	13.44
23)	T	Vinyl Acetate	0.947	1.043	1.107	1.188	1.318	1.446	1.175	15.60
24)	P	1,1-Dichloroet...	1.361	1.392	1.341	1.299	1.335	1.405	1.356	2.87
25)	T	2-Butanone	0.173	0.179	0.181	0.186	0.191	0.223	0.189	9.50
26)	T	2,2-Dichloropr...	1.032	1.093	1.029	1.036	1.053	1.088	1.055	2.71
27)	T	cis-1,2-Dichlo...	0.810	0.834	0.838	0.831	0.865	0.930	0.851	4.97
28)	T	Bromochloromet...	0.597	0.602	0.612	0.567	0.606	0.631	0.603	3.50
29)	T	Tetrahydrofuran	0.104	0.101	0.115	0.117	0.123	0.139	0.117	11.77
30)	C	Chloroform	1.362	1.401	1.352	1.302	1.303	1.355	1.346	2.81#
31)	T	Cyclohexane	1.257	1.104	1.093	1.128	1.102	1.154	1.140	5.40
32)	T	1,1,1-Trichlor...	1.181	1.153	1.098	1.105	1.064	1.125	1.121	3.69
33)	S	1,2-Dichloroet...	0.689	0.634	0.721	0.677	0.666	0.704	0.682	4.47
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.330	0.304	0.317	0.336	0.326	0.337	0.325	3.87
36)	T	1,1-Dichloropr...	0.425	0.484	0.453	0.507	0.504	0.518	0.482	7.43
37)	T	Ethyl Acetate	0.202	0.176	0.214	0.216	0.224	0.244	0.213	10.71
38)	T	Carbon Tetrach...	0.539	0.520	0.482	0.518	0.509	0.515	0.514	3.63
39)	T	Methylcyclohexane	0.556	0.545	0.528	0.620	0.629	0.643	0.587	8.41
40)	TM	Benzene	1.469	1.597	1.550	1.641	1.672	1.709	1.606	5.44
41)	T	Methacrylonitrile	0.113	0.112	0.120	0.133	0.128	0.125	0.122	6.89
42)	TM	1,2-Dichloroet...	0.360	0.412	0.393	0.399	0.392	0.409	0.394	4.67
43)	T	Isopropyl Acetate	0.344	0.368	0.375	0.403	0.426	0.467	0.397	11.17
44)	TM	Trichloroethene	0.356	0.337	0.327	0.336	0.349	0.353	0.343	3.33
45)	C	1,2-Dichloropr...	0.343	0.393	0.374	0.394	0.406	0.416	0.388	6.76#
46)	T	Dibromomethane	0.209	0.197	0.205	0.201	0.204	0.215	0.205	3.05
47)	T	Bromodichlorom...	0.508	0.506	0.501	0.506	0.521	0.532	0.512	2.30
48)	T	Methyl methacr...	0.168	0.175	0.183	0.193	0.205	0.226	0.192	11.25
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.96
50)	S	Toluene-d8	1.238	1.283	1.343	1.511	1.479	1.509	1.394	8.70
51)	T	4-Methyl-2-Pen...	0.175	0.183	0.196	0.215	0.226	0.250	0.207	13.67
52)	CM	Toluene	0.821	0.924	0.947	1.025	1.041	1.071	0.972	9.56#
53)	T	t-1,3-Dichloro...	0.420	0.467	0.451	0.489	0.517	0.552	0.483	9.79
54)	T	cis-1,3-Dichlo...	0.499	0.546	0.552	0.595	0.612	0.648	0.575	9.28
55)	T	1,1,2-Trichlor...	0.270	0.256	0.258	0.266	0.274	0.285	0.268	3.97
56)	T	Ethyl methacry...	0.282	0.303	0.304	0.343	0.378	0.407	0.336	14.50

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57)	T	1,3-Dichloropr...	0.474	0.474	0.450	0.484	0.500	0.521	0.484	5.02
58)	T	2-Chloroethyl ...	0.129	0.129	0.148	0.148	0.168	0.190	0.152	15.53
59)	T	2-Hexanone	0.116	0.125	0.136	0.154	0.157	0.175	0.144	15.29
60)	T	Dibromochlorom...	0.318	0.327	0.321	0.330	0.336	0.349	0.330	3.43
61)	T	1,2-Dibromoethane	0.212	0.239	0.229	0.235	0.242	0.254	0.235	5.96
62)	S	4-Bromofluorob...	0.363	0.341	0.367	0.416	0.422	0.432	0.390	9.64
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.297	0.305	0.273	0.298	0.293	0.297	0.294	3.69
65)	PM	Chlorobenzene	1.062	1.094	1.085	1.141	1.128	1.147	1.109	3.09
66)	T	1,1,1,2-Tetrac...	0.353	0.344	0.366	0.369	0.372	0.382	0.364	3.74
67)	C	Ethyl Benzene	1.696	1.799	1.820	2.077	2.145	2.198	1.956	10.71#
68)	T	m/p-Xylenes	0.616	0.692	0.714	0.809	0.830	0.844	0.751	12.13
69)	T	o-Xylene	0.579	0.648	0.666	0.743	0.775	0.787	0.700	11.68
70)	T	Styrene	0.952	1.114	1.161	1.326	1.375	1.400	1.221	14.39
71)	P	Bromoform	0.187	0.181	0.187	0.184	0.179	0.179	0.183	2.03
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.165	3.311	3.262	3.693	3.910	4.011	3.559	10.13
74)	T	N-amyl acetate	0.748	0.770	0.774	0.843	0.935	1.004	0.846	12.25
75)	P	1,1,2,2-Tetrac...	0.689	0.680	0.680	0.665	0.675	0.710	0.683	2.26
76)	T	1,2,3-Trichlor...	0.461	0.336	0.398	0.504	0.414	0.451	0.427	13.67
77)	T	Bromobenzene	0.782	0.762	0.738	0.804	0.829	0.836	0.792	4.85
78)	T	n-propylbenzene	3.687	4.184	4.009	4.655	4.902	4.946	4.397	11.70
79)	T	2-Chlorotoluene	2.153	2.353	2.275	2.541	2.658	2.717	2.450	9.14
80)	T	1,3,5-Trimethy...	2.625	2.642	2.732	3.115	3.291	3.345	2.958	11.18
81)	T	trans-1,4-Dich...	0.259	0.245	0.242	0.253	0.263	0.276	0.256	4.83
82)	T	4-Chlorotoluene	2.181	2.477	2.386	2.666	2.757	2.843	2.552	9.77
83)	T	tert-Butylbenzene	2.028	2.326	2.192	2.598	2.764	2.843	2.458	13.30
84)	T	1,2,4-Trimethy...	2.531	2.731	2.735	3.255	3.464	3.597	3.052	14.53
85)	T	sec-Butylbenzene	3.087	3.557	3.436	4.011	4.179	4.283	3.759	12.54
86)	T	p-Isopropyltol...	2.569	2.863	2.937	3.410	3.690	3.833	3.217	15.63
87)	T	1,3-Dichlorobe...	1.675	1.615	1.569	1.687	1.788	1.868	1.700	6.49
88)	T	1,4-Dichlorobe...	1.798	1.731	1.575	1.666	1.690	1.741	1.700	4.49
89)	T	n-Butylbenzene	2.526	2.722	2.681	3.184	3.443	3.512	3.011	14.04
90)	T	Hexachloroethane	0.616	0.644	0.576	0.639	0.662	0.676	0.636	5.61
91)	T	1,2-Dichlorobe...	1.454	1.454	1.377	1.465	1.481	1.504	1.456	2.95
92)	T	1,2-Dibromo-3-...	0.120	0.089	0.092	0.099	0.097	0.102	0.100	10.82
93)	T	1,2,4-Trichlor...	0.739	0.731	0.716	0.799	0.886	0.928	0.800	11.12
94)	T	Hexachlorobuta...	0.374	0.356	0.349	0.383	0.417	0.428	0.385	8.29
95)	T	Naphthalene	1.535	1.462	1.435	1.743	1.940		1.623	13.22
96)	T	1,2,3-Trichlor...	0.661	0.621	0.619	0.717	0.765	0.810	0.699	11.21

(#) = Out of Range