Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N031023W.M
Title : SW846 8260
Last Update : Fri Mar 10 13:47:39 2023
Response Via : Initial Calibration

Calibration Files
5 =VN076917.D 10 =VN076918.D 20 =VN076919.D 50 =VN076920.D 75 =VN076921.D 1 =VN076916.D

		Compound	5	10	20	50	75	1	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.804	0.939	0.958	0.950	0.935	0.819	0.901	7.74
3)	P	Chloromethane	0.487	0.453	0.465	0.453	0.462	0.604	0.487	12.03
4)	C	Vinyl Chloride	0.474	0.436	0.448	0.437	0.438	0.481	0.452	4.48#
5)	T	Bromomethane	0.382	0.339	0.319	0.320	0.303		0.333	9.21
6)	T	Chloroethane	0.301	0.282	0.283	0.261	0.267	0.329	0.287	8.69
7)	T	Trichlorofluor...	1.173	1.127	1.164	1.157	1.153	1.268	1.174	4.14
8)	T	Diethyl Ether	0.391	0.361	0.367	0.381	0.379	0.387	0.378	3.00
9)	T	1,1,2-Trichlor...	0.603	0.573	0.600	0.581	0.577	0.665	0.600	5.70
10)	T	Methyl Iodide	0.539	0.561	0.632	0.673	0.733		0.628	12.77
11)	T	Tert butyl alc...	0.108	0.100	0.102	0.107	0.101		0.104	3.66
12)	CM	1,1-Dichloroet...	0.551	0.529	0.546	0.545	0.544	0.601	0.553	4.52#
13)	T	Acrolein	0.113	0.087	0.091	0.086	0.089		0.093	12.11
14)	T	Allyl chloride	0.842	0.734	0.778	0.765	0.779	0.859	0.793	6.06
15)	T	Acrylonitrile	0.299	0.286	0.284	0.294	0.281	0.316	0.293	4.45
16)	T	Acetone	0.264	0.260	0.248	0.246	0.235	0.299	0.259	8.58
17)	T	Carbon Disulfide	1.479	1.480	1.483	1.497	1.519	1.727	1.531	6.36
18)	T	Methyl Acetate	0.942	0.904	0.916	0.913	0.905	1.140	0.954	9.71
19)	T	Methyl tert-bu...	1.919	1.851	1.991	1.986	1.983	2.061	1.965	3.65
20)	T	Methylene Chlo...	0.686	0.639	0.621	0.606	0.615	0.822	0.665	12.35
21)	T	trans-1,2-Dich...	0.611	0.542	0.588	0.575	0.566	0.634	0.586	5.61
22)	T	Diisopropyl ether	1.754	1.708	1.767	1.733	1.672	1.891	1.754	4.28
23)	T	Vinyl Acetate	1.049	1.062	1.104	1.134	1.104	1.029	1.080	3.67
24)	P	1,1-Dichloroet...	1.138	1.106	1.097	1.087	1.072	1.222	1.120	4.85
25)	T	2-Butanone	0.372	0.356	0.369	0.362	0.346	0.401	0.368	5.12
26)	T	2,2-Dichloropr...	0.977	0.951	0.959	0.972	0.969	1.121	0.992	6.49
27)	T	cis-1,2-Dichlo...	0.671	0.665	0.678	0.663	0.663	0.717	0.676	3.07
28)	T	Bromochloromet...	0.450	0.424	0.406	0.378	0.393	0.381	0.405	6.82
29)	T	Tetrahydrofuran	0.230	0.229	0.236	0.231	0.219	0.222	0.228	2.79
30)	C	Chloroform	1.259	1.167	1.184	1.164	1.153	1.296	1.204	4.90#
31)	T	Cyclohexane	1.180	1.095	1.088	1.008	0.982		1.071	7.34
32)	T	1,1,1-Trichlor...	1.129	1.100	1.112	1.121	1.124	1.186	1.129	2.64
33)	S	1,2-Dichloroet...	0.792	0.759	0.753	0.714	0.712		0.746	4.52
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.365	0.346	0.320	0.311	0.324		0.333	6.57
36)	T	1,1-Dichloropr...	0.519	0.505	0.515	0.517	0.519	0.518	0.515	1.01
37)	T	Ethyl Acetate	0.424	0.444	0.450	0.439	0.426	0.290	0.412	14.75
38)	T	Carbon Tetrach...	0.604	0.592	0.592	0.601	0.610	0.620	0.603	1.75
39)	T	Methylcyclohexane	0.600	0.600	0.650	0.641	0.654	0.610	0.626	4.05
40)	TM	Benzene	1.510	1.509	1.501	1.479	1.491	1.625	1.519	3.50
41)	T	Methacrylonitrile	0.232	0.235	0.242	0.250	0.227	0.286	0.245	8.81
42)	TM	1,2-Dichloroet...	0.588	0.573	0.580	0.577	0.571	0.668	0.593	6.33
43)	T	Isopropyl Acetate	0.701	0.700	0.722	0.742	0.738	0.763	0.728	3.42
44)	TM	Trichloroethene	0.386	0.373	0.370	0.379	0.386	0.461	0.393	8.74
45)	C	1,2-Dichloropr...	0.356	0.365	0.372	0.364	0.365	0.419	0.374	6.14#
46)	T	Dibromomethane	0.253	0.262	0.257	0.257	0.258	0.279	0.261	3.50
47)	T	Bromodichlorom...	0.538	0.542	0.548	0.552	0.563	0.581	0.554	2.87
48)	T	Methyl methacr...	0.345	0.337	0.352	0.368	0.365	0.372	0.356	3.93
49)	T	1,4-Dioxane	0.007	0.007	0.007	0.007	0.007	0.006	0.007	3.05
50)	S	Toluene-d8	1.253	1.257	1.237	1.193	1.201		1.228	2.43
51)	T	4-Methyl-2-Pen...	0.435	0.446	0.441	0.439	0.429	0.432	0.437	1.41
52)	CM	Toluene	0.937	0.928	0.940	0.931	0.944	0.931	0.935	0.65#
53)	T	t-1,3-Dichloro...	0.532	0.536	0.546	0.582	0.594	0.524	0.552	5.23
54)	T	cis-1,3-Dichlo...	0.589	0.581	0.604	0.619	0.635	0.611	0.606	3.26
55)	T	1,1,2-Trichlor...	0.372	0.360	0.354	0.353	0.357	0.386	0.364	3.60
56)	T	Ethyl methacry...	0.523	0.528	0.552	0.579	0.581	0.548	0.552	4.45

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57)	T	1,3-Dichloropr...	0.649	0.615	0.627	0.620	0.624	0.713	0.641	5.77
58)	T	2-Chloroethyl ...	0.186	0.163	0.174	0.180	0.185	0.167	0.176	5.40
59)	T	2-Hexanone	0.316	0.313	0.327	0.321	0.315	0.319	0.319	1.57
60)	T	Dibromochlorom...	0.399	0.376	0.408	0.404	0.411	0.407	0.401	3.21
61)	T	1,2-Dibromoethane	0.357	0.351	0.358	0.366	0.366	0.389	0.365	3.63
62)	S	4-Bromofluorob...	0.451	0.437	0.451	0.451	0.457		0.449	1.68
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.375	0.360	0.403	0.418	0.408	0.463	0.405	8.89
65)	PM	Chlorobenzene	1.131	1.088	1.091	1.073	1.063	1.264	1.118	6.71
66)	T	1,1,1,2-Tetrac...	0.440	0.426	0.431	0.414	0.425	0.484	0.437	5.60
67)	C	Ethyl Benzene	2.009	1.974	2.088	2.065	2.073	2.131	2.057	2.74#
68)	T	m/p-Xylenes	0.763	0.740	0.783	0.772	0.761	0.819	0.773	3.46
69)	T	o-Xylene	0.728	0.747	0.757	0.755	0.749	0.768	0.750	1.77
70)	T	Styrene	1.185	1.184	1.266	1.243	1.248	1.148	1.212	3.84
71)	P	Bromoform	0.301	0.301	0.316	0.325	0.324	0.331	0.316	4.08
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.369	4.416	4.528	4.226	4.306	4.887	4.455	5.27
74)	T	N-amyl acetate	1.476	1.438	1.458	1.447	1.465	1.566	1.475	3.15
75)	P	1,1,2,2-Tetrac...	1.395	1.310	1.285	1.120	1.121	1.636	1.311	14.71
76)	T	1,2,3-Trichlor...	1.270	1.304	1.306	1.091	1.074	1.229	1.212	8.63
77)	T	Bromobenzene	1.036	0.935	0.984	0.910	0.934	1.176	0.996	9.97
78)	T	n-propylbenzene	4.873	4.825	5.102	4.896	5.039	5.032	4.961	2.23
79)	T	2-Chlorotoluene	3.244	3.139	3.242	3.033	3.061	3.585	3.217	6.23
80)	T	1,3,5-Trimethy...	3.791	3.868	3.971	3.746	3.776	3.619	3.795	3.12
81)	T	trans-1,4-Dich...	0.382	0.366	0.375	0.371	0.362		0.371	2.05
82)	T	4-Chlorotoluene	3.120	3.032	3.104	2.928	3.025	3.032	3.040	2.25
83)	T	tert-Butylbenzene	3.317	3.226	3.319	3.104	3.150	3.230	3.224	2.68
84)	T	1,2,4-Trimethy...	3.752	3.856	3.962	3.681	3.741	3.791	3.797	2.61
85)	T	sec-Butylbenzene	4.400	4.330	4.576	4.393	4.471	4.347	4.420	2.05
86)	T	p-Isopropyltol...	3.421	3.546	3.757	3.634	3.744	3.313	3.569	4.98
87)	T	1,3-Dichlorobe...	1.805	1.728	1.764	1.719	1.760	2.114	1.815	8.25
88)	T	1,4-Dichlorobe...	1.832	1.717	1.704	1.714	1.737	2.221	1.821	11.07
89)	T	n-Butylbenzene	2.769	2.799	2.994	3.052	3.259	2.995	2.978	6.02
90)	T	Hexachloroethane	0.683	0.648	0.666	0.647	0.672	0.799	0.686	8.35
91)	T	1,2-Dichlorobe...	1.869	1.769	1.794	1.696	1.732	2.081	1.824	7.63
92)	T	1,2-Dibromo-3-...	0.271	0.273	0.271	0.284	0.286	0.352	0.289	10.83
93)	T	1,2,4-Trichlor...	0.956	0.873	0.941	1.004	1.053	1.255	1.014	13.11
94)	T	Hexachlorobuta...	0.548	0.523	0.524	0.549	0.549	0.548	0.540	2.41
95)	T	Naphthalene	2.554	2.799	3.018	3.190	3.262	3.284	3.018	9.64
96)	T	1,2,3-Trichlor...	0.933	0.890	0.966	0.992	1.001	1.124	0.984	8.07

(#) = Out of Range