Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y020325S.M
Title : SW846 8260
Last Update : Mon Feb 03 13:08:38 2025
Response Via : Initial Calibration

Calibration Files
5 =VY021020.D 10 =VY021021.D 20 =VY021022.D 50 =VY021023.D 100 =VY021024.D 150 =VY021025.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.503	0.438	0.413	0.445	0.419	0.457	0.446	7.23
3)	P	Chloromethane	0.524	0.445	0.408	0.421	0.404	0.437	0.440	10.10
4)	C	Vinyl Chloride	0.535	0.441	0.404	0.424	0.408	0.443	0.443	10.93#
5)	T	Bromomethane	0.356	0.275	0.249	0.258	0.246	0.257	0.274	15.17
6)	T	Chloroethane	0.316	0.270	0.240	0.255	0.239	0.261	0.263	10.71
7)	T	Trichlorofluor...	0.924	0.814	0.755	0.789	0.743	0.813	0.806	8.03
8)	T	Diethyl Ether	0.274	0.256	0.248	0.242	0.230	0.260	0.252	6.02
9)	T	1,1,2-Trichlor...	0.587	0.507	0.472	0.494	0.466	0.510	0.506	8.56
10)	T	Methyl Iodide	0.534	0.532	0.527	0.587	0.576	0.618	0.562	6.59
11)	T	Tert butyl alc...	0.042	0.039	0.035	0.032	0.028	0.032	0.035	14.80
12)	CM	1,1-Dichloroet...	0.529	0.471	0.441	0.469	0.452	0.498	0.477	6.76#
13)	T	Acrolein	0.055	0.057	0.056	0.052	0.047	0.053	0.053	6.61
14)	T	Allyl chloride	0.869	0.778	0.753	0.800	0.774	0.846	0.803	5.60
15)	T	Acrylonitrile	0.109	0.105	0.105	0.106	0.095	0.109	0.105	5.06
16)	T	Acetone	0.087	0.083	0.078	0.077	0.070	0.083	0.080	7.52
17)	T	Carbon Disulfide	1.673	1.456	1.389	1.475	1.421	1.556	1.495	6.96
18)	T	Methyl Acetate	0.300	0.282	0.268	0.287	0.253	0.291	0.280	6.13
19)	T	Methyl tert-bu...	1.271	1.185	1.168	1.216	1.124	1.265	1.205	4.75
20)	T	Methylene Chlo...	0.570	0.506	0.473	0.485	0.452	0.494	0.497	8.17
21)	T	trans-1,2-Dich...	0.578	0.518	0.502	0.522	0.490	0.538	0.525	5.83
22)	T	Diisopropyl ether	1.741	1.643	1.638	1.665	1.573	1.677	1.656	3.33
23)	T	Vinyl Acetate	0.937	0.913	0.903	0.948	0.869	0.970	0.923	3.86
24)	P	1,1-Dichloroet...	1.104	0.948	0.923	0.947	0.911	0.989	0.970	7.27
25)	T	2-Butanone	0.134	0.133	0.126	0.135	0.121	0.139	0.131	5.18
26)	T	2,2-Dichloropr...	1.031	0.899	0.842	0.870	0.818	0.926	0.898	8.44
27)	T	cis-1,2-Dichlo...	0.662	0.584	0.577	0.599	0.575	0.626	0.604	5.66
28)	T	Bromochloromet...	0.373	0.368	0.381	0.413	0.374	0.394	0.384	4.42
29)	T	Tetrahydrofuran	0.088	0.092	0.088	0.092	0.081	0.093	0.089	5.11
30)	C	Chloroform	1.107	1.016	0.947	0.982	0.921	1.006	0.997	6.49#
31)	T	Cyclohexane	1.093	0.885	0.807	0.827	0.779	0.852	0.874	12.96
32)	T	1,1,1-Trichlor...	1.067	0.901	0.867	0.912	0.863	0.949	0.927	8.18
33)	S	1,2-Dichloroet...	0.566	0.557	0.478	0.503	0.454	0.516	0.512	8.52
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.351	0.326	0.301	0.313	0.297	0.333	0.320	6.41
36)	T	1,1-Dichloropr...	0.534	0.464	0.447	0.463	0.448	0.491	0.475	7.02
37)	T	Ethyl Acetate	0.218	0.208	0.208	0.211	0.188	0.216	0.208	5.10
38)	T	Carbon Tetrach...	0.604	0.551	0.522	0.547	0.522	0.581	0.555	5.86
39)	T	Methylcyclohexane	0.609	0.550	0.536	0.588	0.570	0.629	0.581	6.07
40)	TM	Benzene	1.512	1.382	1.327	1.378	1.323	1.436	1.393	5.13
41)	T	Methacrylonitrile	0.130	0.126	0.133	0.111	0.089	0.134	0.120	14.47
42)	TM	1,2-Dichloroet...	0.435	0.390	0.367	0.379	0.352	0.395	0.386	7.38
43)	T	Isopropyl Acetate	0.404	0.417	0.400	0.422	0.389	0.451	0.414	5.25
44)	TM	Trichloroethene	0.401	0.355	0.341	0.349	0.338	0.375	0.360	6.66
45)	C	1,2-Dichloropr...	0.357	0.329	0.319	0.327	0.311	0.341	0.331	4.98#
46)	T	Dibromomethane	0.201	0.184	0.179	0.181	0.166	0.187	0.183	6.17
47)	T	Bromodichlorom...	0.528	0.500	0.469	0.482	0.459	0.506	0.491	5.18
48)	T	Methyl methacr...	0.180	0.180	0.175	0.192	0.186	0.217	0.188	7.95
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.73
50)	S	Toluene-d8	1.295	1.237	1.139	1.202	1.158	1.288	1.220	5.34
51)	T	4-Methyl-2-Pen...	0.202	0.211	0.202	0.216	0.194	0.224	0.208	5.18
52)	CM	Toluene	0.913	0.856	0.840	0.876	0.844	0.918	0.875	3.88#
53)	T	t-1,3-Dichloro...	0.441	0.426	0.419	0.449	0.427	0.483	0.441	5.31
54)	T	cis-1,3-Dichlo...	0.528	0.516	0.502	0.525	0.501	0.560	0.522	4.19
55)	T	1,1,2-Trichlor...	0.261	0.235	0.231	0.235	0.217	0.242	0.237	6.06
56)	T	Ethyl methacry...	0.287	0.296	0.300	0.338	0.319	0.363	0.317	9.15

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57)	T	1,3-Dichloropr...	0.434	0.410	0.402	0.412	0.381	0.424	0.410	4.44
58)	T	2-Chloroethyl ...	0.143	0.146	0.146	0.157	0.146	0.167	0.151	6.19
59)	T	2-Hexanone	0.124	0.131	0.128	0.144	0.129	0.149	0.134	7.42
60)	T	Dibromochlorom...	0.359	0.330	0.324	0.329	0.310	0.346	0.333	5.17
61)	T	1,2-Dibromoethane	0.232	0.223	0.215	0.225	0.203	0.233	0.222	5.04
62)	S	4-Bromofluorob...	0.417	0.408	0.371	0.403	0.375	0.418	0.399	5.23
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.409	0.367	0.352	0.361	0.351	0.387	0.371	6.17
65)	PM	Chlorobenzene	1.237	1.115	1.054	1.080	1.048	1.146	1.113	6.40
66)	T	1,1,1,2-Tetrac...	0.434	0.401	0.376	0.382	0.374	0.407	0.396	5.86
67)	C	Ethyl Benzene	2.101	1.899	1.865	1.943	1.914	2.093	1.969	5.20#
68)	T	m/p-Xylenes	0.772	0.723	0.709	0.733	0.711	0.773	0.737	3.93
69)	T	o-Xylene	0.723	0.658	0.660	0.681	0.670	0.729	0.687	4.57
70)	T	Styrene	1.154	1.118	1.105	1.156	1.128	1.208	1.145	3.23
71)	P	Bromoform	0.231	0.222	0.217	0.216	0.205	0.229	0.220	4.43
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.122	3.695	3.673	3.809	3.871	4.263	3.906	6.09
74)	T	N-amyl acetate	0.786	0.801	0.796	0.887	0.854	1.000	0.854	9.53
75)	P	1,1,2,2-Tetrac...	0.707	0.646	0.635	0.632	0.597	0.680	0.650	5.97
76)	T	1,2,3-Trichlor...	0.527	0.393	0.469	0.462	0.378	0.492	0.454	12.69
77)	T	Bromobenzene	0.946	0.892	0.866	0.864	0.863	0.978	0.901	5.45
78)	T	n-propylbenzene	4.862	4.419	4.410	4.581	4.590	5.054	4.653	5.50
79)	T	2-Chlorotoluene	2.872	2.577	2.537	2.585	2.571	2.847	2.665	5.70
80)	T	1,3,5-Trimethy...	3.321	3.032	3.042	3.109	3.100	3.395	3.167	4.84
81)	T	trans-1,4-Dich...	0.216	0.226	0.211	0.223	0.208	0.250	0.222	6.87
82)	T	4-Chlorotoluene	2.902	2.692	2.605	2.617	2.592	2.882	2.715	5.21
83)	T	tert-Butylbenzene	2.968	2.745	2.755	2.869	2.773	3.160	2.878	5.63
84)	T	1,2,4-Trimethy...	3.184	2.935	2.981	3.059	3.047	3.371	3.096	5.13
85)	T	sec-Butylbenzene	4.405	4.003	3.956	4.038	4.046	4.413	4.143	5.03
86)	T	p-Isopropyltol...	3.554	3.237	3.304	3.421	3.381	3.753	3.442	5.43
87)	T	1,3-Dichlorobe...	1.937	1.686	1.660	1.683	1.652	1.824	1.740	6.61
88)	T	1,4-Dichlorobe...	1.906	1.702	1.632	1.665	1.599	1.778	1.714	6.56
89)	T	n-Butylbenzene	3.202	2.923	2.961	3.153	3.127	3.473	3.140	6.27
90)	T	Hexachloroethane	0.757	0.693	0.680	0.696	0.699	0.784	0.718	5.86
91)	T	1,2-Dichlorobe...	1.668	1.524	1.440	1.460	1.405	1.567	1.510	6.42
92)	T	1,2-Dibromo-3-...	0.099	0.099	0.089	0.097	0.089	0.109	0.097	7.64
93)	T	1,2,4-Trichlor...	0.796	0.754	0.743	0.875	0.873	1.004	0.841	11.62
94)	T	Hexachlorobuta...	0.600	0.518	0.523	0.554	0.542	0.605	0.557	6.73
95)	T	Naphthalene	1.072	1.171	1.176	1.488	1.440	1.723	1.345	18.38
96)	T	1,2,3-Trichlor...	0.641	0.640	0.626	0.733	0.726	0.832	0.700	11.36

(#) = Out of Range