Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y090825S.M
Title : SW846 8260
Last Update : Tue Sep 09 02:06:08 2025
Response Via : Initial Calibration

Calibration Files
5 =VY023303.D 10 =VY023304.D 20 =VY023305.D 50 =VY023306.D 100 =VY023307.D 150 =VY023308.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.471	0.447	0.434	0.365	0.345	0.345	0.401	13.94
3)	P	Chloromethane	0.661	0.637	0.604	0.534	0.507	0.502	0.574	11.99
4)	C	Vinyl Chloride	0.800	0.786	0.757	0.695	0.653	0.647	0.723	9.27#
5)	T	Bromomethane	0.709	0.630	0.611	0.533	0.524	0.537	0.590	12.37
6)	T	Chloroethane	0.544	0.529	0.504	0.471	0.447	0.441	0.489	8.82
7)	T	Trichlorofluor...	0.990	0.998	0.953	0.870	0.843	0.822	0.913	8.44
8)	T	Diethyl Ether	0.247	0.252	0.250	0.238	0.233	0.229	0.241	3.83
9)	T	1,1,2-Trichlor...	0.556	0.524	0.511	0.470	0.446	0.437	0.491	9.59
10)	T	Methyl Iodide	0.551	0.547	0.587	0.608	0.581	0.561	0.573	4.16
11)	T	Tert butyl alc...	0.026	0.028	0.025	0.024	0.025	0.024	0.025	6.42
12)	CM	1,1-Dichloroet...	0.501	0.504	0.481	0.458	0.446	0.443	0.472	5.74#
13)	T	Acrolein	0.046	0.047	0.044	0.040	0.040	0.040	0.043	7.16
14)	T	Allyl chloride	0.607	0.604	0.611	0.597	0.578	0.582	0.596	2.23
15)	T	Acrylonitrile	0.097	0.103	0.096	0.094	0.093	0.089	0.095	4.92
16)	T	Acetone	0.112	0.110	0.096	0.100	0.095	0.087	0.100	9.26
17)	T	Carbon Disulfide	1.643	1.589	1.553	1.452	1.383	1.350	1.495	7.87
18)	T	Methyl Acetate	0.255	0.275	0.254	0.233	0.235	0.220	0.245	8.05
19)	T	Methyl tert-bu...	1.070	1.130	1.123	1.121	1.121	1.096	1.110	2.05
20)	T	Methylene Chlo...	0.654	0.569	0.542	0.503	0.478	0.467	0.535	13.01
21)	T	trans-1,2-Dich...	0.555	0.544	0.542	0.519	0.506	0.498	0.528	4.38
22)	T	Diisopropyl ether	1.272	1.353	1.364	1.354	1.320	1.306	1.328	2.66
23)	T	Vinyl Acetate	0.686	0.734	0.745	0.755	0.750	0.737	0.734	3.42
24)	P	1,1-Dichloroet...	0.918	0.913	0.899	0.844	0.823	0.816	0.869	5.34
25)	T	2-Butanone	0.123	0.130	0.126	0.122	0.123	0.116	0.123	3.73
26)	T	2,2-Dichloropr...	0.810	0.799	0.791	0.752	0.730	0.721	0.767	4.94
27)	T	cis-1,2-Dichlo...	0.595	0.617	0.606	0.592	0.590	0.586	0.597	1.96
28)	T	Bromochloromet...	0.376	0.357	0.355	0.329	0.317	0.317	0.342	7.08
29)	T	Tetrahydrofuran	0.072	0.075	0.075	0.073	0.074	0.070	0.073	2.75
30)	C	Chloroform	0.994	0.996	0.961	0.907	0.878	0.865	0.934	6.20#
31)	T	Cyclohexane	0.882	0.799	0.790	0.728	0.711	0.704	0.769	8.90
32)	T	1,1,1-Trichlor...	0.885	0.889	0.860	0.807	0.785	0.778	0.834	6.00
33)	S	1,2-Dichloroet...	0.472	0.456	0.455	0.430	0.417	0.407	0.439	5.78
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.300	0.313	0.311	0.312	0.300	0.300	0.306	2.17
36)	T	1,1-Dichloropr...	0.449	0.437	0.445	0.441	0.421	0.419	0.435	2.91
37)	T	Ethyl Acetate	0.172	0.183	0.177	0.174	0.170	0.162	0.173	4.03
38)	T	Carbon Tetrach...	0.513	0.525	0.506	0.503	0.483	0.475	0.501	3.73
39)	T	Methylcyclohexane	0.529	0.531	0.559	0.580	0.571	0.571	0.557	3.93
40)	TM	Benzene	1.380	1.361	1.391	1.369	1.318	1.299	1.353	2.69
41)	T	Methacrylonitrile	0.237	0.073	0.072	0.241	0.093	0.091	0.134	60.65
42)	TM	1,2-Dichloroet...	0.357	0.367	0.352	0.344	0.330	0.318	0.344	5.21
43)	T	Isopropyl Acetate	0.325	0.334	0.338	0.347	0.344	0.333	0.337	2.38
44)	TM	Trichloroethene	0.387	0.378	0.388	0.381	0.369	0.359	0.377	2.95
45)	C	1,2-Dichloropr...	0.313	0.315	0.316	0.305	0.297	0.288	0.306	3.61#
46)	T	Dibromomethane	0.194	0.188	0.190	0.188	0.181	0.175	0.186	3.56
47)	T	Bromodichlorom...	0.476	0.487	0.474	0.474	0.453	0.445	0.468	3.41
48)	T	Methyl methacr...	0.138	0.149	0.158	0.168	0.167	0.162	0.157	7.40
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	3.99
50)	S	Toluene-d8	1.121	1.125	1.176	1.187	1.155	1.159	1.154	2.30
51)	T	4-Methyl-2-Pen...	0.156	0.170	0.173	0.181	0.181	0.173	0.172	5.27
52)	CM	Toluene	0.794	0.831	0.885	0.896	0.879	0.868	0.859	4.55#
53)	T	t-1,3-Dichloro...	0.374	0.395	0.401	0.420	0.417	0.410	0.403	4.20
54)	T	cis-1,3-Dichlo...	0.450	0.477	0.492	0.497	0.491	0.483	0.482	3.56
55)	T	1,1,2-Trichlor...	0.250	0.256	0.250	0.250	0.243	0.235	0.248	2.97
56)	T	Ethyl methacry...	0.242	0.255	0.277	0.311	0.322	0.313	0.287	11.73

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57)	T	1,3-Dichloropr...	0.399	0.406	0.412	0.413	0.397	0.385	0.402	2.64
58)	T	2-Chloroethyl ...	0.094	0.104	0.116	0.140	0.146	0.149	0.125	18.82
59)	T	2-Hexanone	0.106	0.116	0.120	0.126	0.127	0.120	0.119	6.60
60)	T	Dibromochlorom...	0.334	0.340	0.338	0.343	0.334	0.326	0.336	1.81
61)	T	1,2-Dibromoethane	0.232	0.234	0.236	0.235	0.231	0.223	0.232	2.01
62)	S	4-Bromofluorob...	0.355	0.339	0.363	0.378	0.373	0.371	0.363	3.96
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.534	0.483	0.546	0.512	0.472	0.442	0.498	7.94
65)	PM	Chlorobenzene	1.113	1.087	1.124	1.106	1.081	1.061	1.095	2.13
66)	T	1,1,1,2-Tetrac...	0.391	0.394	0.388	0.387	0.372	0.374	0.384	2.33
67)	C	Ethyl Benzene	1.664	1.694	1.828	1.874	1.848	1.828	1.790	4.90#
68)	T	m/p-Xylenes	0.655	0.682	0.738	0.753	0.735	0.736	0.717	5.43
69)	T	o-Xylene	0.587	0.613	0.676	0.703	0.699	0.701	0.663	7.59
70)	T	Styrene	0.925	1.020	1.127	1.187	1.172	1.165	1.099	9.51
71)	P	Bromoform	0.232	0.230	0.229	0.231	0.228	0.223	0.229	1.49
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.112	3.173	3.434	3.542	3.466	3.482	3.368	5.33
74)	T	N-amyl acetate	0.561	0.597	0.620	0.666	0.688	0.688	0.637	8.22
75)	P	1,1,2,2-Tetrac...	0.564	0.627	0.549	0.557	0.554	0.541	0.565	5.56
76)	T	1,2,3-Trichlor...	0.775	0.791	0.770	0.765	0.754	0.725	0.763	2.92
77)	T	Bromobenzene	0.858	0.841	0.860	0.879	0.865	0.860	0.860	1.42
78)	T	n-propylbenzene	3.668	3.795	4.077	4.199	4.053	4.027	3.970	4.99
79)	T	2-Chlorotoluene	2.186	2.216	2.323	2.376	2.300	2.316	2.286	3.12
80)	T	1,3,5-Trimethy...	2.464	2.599	2.832	2.896	2.817	2.828	2.739	6.16
81)	T	trans-1,4-Dich...	0.181	0.192	0.180	0.186	0.190	0.186	0.186	2.41
82)	T	4-Chlorotoluene	2.322	2.369	2.453	2.459	2.377	2.374	2.392	2.22
83)	T	tert-Butylbenzene	2.325	2.318	2.473	2.604	2.569	2.596	2.481	5.31
84)	T	1,2,4-Trimethy...	2.379	2.564	2.807	2.892	2.809	2.807	2.710	7.24
85)	T	sec-Butylbenzene	3.322	3.444	3.714	3.802	3.707	3.669	3.610	5.13
86)	T	p-Isopropyltol...	2.683	2.823	3.114	3.264	3.211	3.200	3.049	7.82
87)	T	1,3-Dichlorobe...	1.712	1.672	1.704	1.742	1.688	1.699	1.703	1.40
88)	T	1,4-Dichlorobe...	1.775	1.681	1.711	1.695	1.632	1.624	1.686	3.28
89)	T	n-Butylbenzene	2.474	2.471	2.728	2.909	2.817	2.826	2.704	6.97
90)	T	Hexachloroethane	0.698	0.667	0.673	0.657	0.634	0.637	0.661	3.64
91)	T	1,2-Dichlorobe...	1.508	1.480	1.491	1.513	1.467	1.448	1.485	1.68
92)	T	1,2-Dibromo-3-...	0.096	0.089	0.089	0.087	0.087	0.084	0.089	4.44
93)	T	1,2,4-Trichlor...	0.786	0.797	0.844	0.905	0.924	0.940	0.866	7.66
94)	T	Hexachlorobuta...	0.552	0.523	0.536	0.544	0.527	0.530	0.535	2.04
95)	T	Naphthalene	1.105	1.180	1.299	1.519	1.608	1.639	1.392	16.37
96)	T	1,2,3-Trichlor...	0.697	0.704	0.733	0.787	0.786	0.805	0.752	6.20

(#) = Out of Range