Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y022425S.M
Title : SW846 8260
Last Update : Tue Feb 25 01:06:48 2025
Response Via : Initial Calibration

Calibration Files
5 =VY021020.D 10 =VY021021.D 20 =VY021022.D 50 =VY021303.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	0.361	0.419	0.457	0.432	10.94
3)	P	Chloromethane	0.524	0.445	0.408	0.532	0.404	0.437	0.458	12.32
4)	C	Vinyl Chloride	0.535	0.441	0.404	0.580	0.408	0.443	0.469	15.45#
5)	T	Bromomethane	0.356	0.275	0.249	0.371	0.246	0.257	0.293	19.19
6)	T	Chloroethane	0.316	0.270	0.240	0.375	0.239	0.261	0.284	18.68
7)	T	Trichlorofluor...	0.924	0.814	0.755	0.861	0.743	0.813	0.818	8.26
8)	T	Diethyl Ether	0.274	0.256	0.248	0.263	0.230	0.260	0.255	5.84
9)	T	1,1,2-Trichlor...	0.587	0.507	0.472	0.486	0.466	0.510	0.505	8.70
10)	T	Methyl Iodide	0.534	0.532	0.527	0.576	0.576	0.618	0.560	6.39
11)	T	Tert butyl alc...	0.042	0.039	0.035	0.038	0.028	0.032	0.036	14.22
12)	CM	1,1-Dichloroet...	0.529	0.471	0.441	0.472	0.452	0.498	0.477	6.74#
13)	T	Acrolein	0.055	0.057	0.056	0.025	0.047	0.053	0.049	25.18
14)	T	Allyl chloride	0.869	0.778	0.753	0.843	0.774	0.846	0.811	5.88
15)	T	Acrylonitrile	0.109	0.105	0.105	0.119	0.095	0.109	0.107	7.36
16)	T	Acetone	0.087	0.083	0.078	0.104	0.070	0.083	0.084	13.49
17)	T	Carbon Disulfide	1.673	1.456	1.389	1.450	1.421	1.556	1.491	7.08
18)	T	Methyl Acetate	0.300	0.282	0.268	0.343	0.253	0.291	0.290	10.76
19)	T	Methyl tert-bu...	1.271	1.185	1.168	1.323	1.124	1.265	1.223	6.15
20)	T	Methylene Chlo...	0.570	0.506	0.473	0.538	0.452	0.494	0.506	8.55
21)	T	trans-1,2-Dich...	0.578	0.518	0.502	0.529	0.490	0.538	0.526	5.82
22)	T	Diisopropyl ether	1.741	1.643	1.638	1.861	1.573	1.677	1.689	5.97
23)	T	Vinyl Acetate	0.937	0.913	0.903	1.059	0.869	0.970	0.942	7.06
24)	P	1,1-Dichloroet...	1.104	0.948	0.923	1.008	0.911	0.989	0.980	7.23
25)	T	2-Butanone	0.134	0.133	0.126	0.162	0.121	0.139	0.136	10.67
26)	T	2,2-Dichloropr...	1.031	0.899	0.842	0.909	0.818	0.926	0.904	8.24
27)	T	cis-1,2-Dichlo...	0.662	0.584	0.577	0.630	0.575	0.626	0.609	5.84
28)	T	Bromochloromet...	0.373	0.368	0.381	0.436	0.374	0.394	0.388	6.58
29)	T	Tetrahydrofuran	0.088	0.092	0.088	0.109	0.081	0.093	0.092	10.19
30)	C	Chloroform	1.107	1.016	0.947	1.040	0.921	1.006	1.006	6.60#
31)	T	Cyclohexane	1.093	0.885	0.807	0.847	0.779	0.852	0.877	12.75
32)	T	1,1,1-Trichlor...	1.067	0.901	0.867	0.949	0.863	0.949	0.933	8.14
33)	S	1,2-Dichloroet...	0.566	0.557	0.478	0.599	0.454	0.516	0.528	10.50
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.351	0.326	0.301	0.353	0.297	0.333	0.327	7.33
36)	T	1,1-Dichloropr...	0.534	0.464	0.447	0.481	0.448	0.491	0.477	6.89
37)	T	Ethyl Acetate	0.218	0.208	0.208	0.241	0.188	0.216	0.213	8.05
38)	T	Carbon Tetrach...	0.604	0.551	0.522	0.556	0.522	0.581	0.556	5.81
39)	T	Methylcyclohexane	0.609	0.550	0.536	0.589	0.570	0.629	0.581	6.08
40)	TM	Benzene	1.512	1.382	1.327	1.456	1.323	1.436	1.406	5.35
41)	T	Methacrylonitrile	0.130	0.126	0.133	0.130	0.089	0.134	0.124	13.82
42)	TM	1,2-Dichloroet...	0.435	0.390	0.367	0.420	0.352	0.395	0.393	7.92
43)	T	Isopropyl Acetate	0.404	0.417	0.400	0.484	0.389	0.451	0.424	8.56
44)	TM	Trichloroethene	0.401	0.355	0.341	0.361	0.338	0.375	0.362	6.46
45)	C	1,2-Dichloropr...	0.357	0.329	0.319	0.354	0.311	0.341	0.335	5.62#
46)	T	Dibromomethane	0.201	0.184	0.179	0.197	0.166	0.187	0.186	6.80
47)	T	Bromodichlorom...	0.528	0.500	0.469	0.529	0.459	0.506	0.499	5.85
48)	T	Methyl methacr...	0.180	0.180	0.175	0.230	0.186	0.217	0.195	11.65
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	12.32
50)	S	Toluene-d8	1.295	1.237	1.139	1.337	1.158	1.288	1.242	6.39
51)	T	4-Methyl-2-Pen...	0.202	0.211	0.202	0.254	0.194	0.224	0.214	10.20
52)	CM	Toluene	0.913	0.856	0.840	0.924	0.844	0.918	0.883	4.47#
53)	T	t-1,3-Dichloro...	0.441	0.426	0.419	0.490	0.427	0.483	0.448	6.94
54)	T	cis-1,3-Dichlo...	0.528	0.516	0.502	0.562	0.501	0.560	0.528	5.20
55)	T	1,1,2-Trichlor...	0.261	0.235	0.231	0.256	0.217	0.242	0.241	6.78
56)	T	Ethyl methacry...	0.287	0.296	0.300	0.366	0.319	0.363	0.322	10.78

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57)	T	1,3-Dichloropr...	0.434	0.410	0.402	0.451	0.381	0.424	0.417	5.96
58)	T	2-Chloroethyl ...	0.143	0.146	0.146	0.174	0.146	0.167	0.154	8.75
59)	T	2-Hexanone	0.124	0.131	0.128	0.173	0.129	0.149	0.139	13.60
60)	T	Dibromochlorom...	0.359	0.330	0.324	0.351	0.310	0.346	0.337	5.50
61)	T	1,2-Dibromoethane	0.232	0.223	0.215	0.243	0.203	0.233	0.225	6.32
62)	S	4-Bromofluorob...	0.417	0.408	0.371	0.448	0.375	0.418	0.406	7.21
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.409	0.367	0.352	0.370	0.351	0.387	0.373	6.00
65)	PM	Chlorobenzene	1.237	1.115	1.054	1.132	1.048	1.146	1.122	6.19
66)	T	1,1,1,2-Tetrac...	0.434	0.401	0.376	0.399	0.374	0.407	0.398	5.58
67)	C	Ethyl Benzene	2.101	1.899	1.865	2.029	1.914	2.093	1.984	5.24#
68)	T	m/p-Xylenes	0.772	0.723	0.709	0.763	0.711	0.773	0.742	4.14
69)	T	o-Xylene	0.723	0.658	0.660	0.716	0.670	0.729	0.693	4.80
70)	T	Styrene	1.154	1.118	1.105	1.225	1.128	1.208	1.156	4.31
71)	P	Bromoform	0.231	0.222	0.217	0.229	0.205	0.229	0.222	4.55
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.122	3.695	3.673	3.750	3.871	4.263	3.896	6.26
74)	T	N-amyl acetate	0.786	0.801	0.796	0.992	0.854	1.000	0.871	11.38
75)	P	1,1,2,2-Tetrac...	0.707	0.646	0.635	0.655	0.597	0.680	0.653	5.78
76)	T	1,2,3-Trichlor...	0.527	0.393	0.469	0.486	0.378	0.492	0.458	12.91
77)	T	Bromobenzene	0.946	0.892	0.866	0.870	0.863	0.978	0.902	5.35
78)	T	n-propylbenzene	4.862	4.419	4.410	4.605	4.590	5.054	4.657	5.47
79)	T	2-Chlorotoluene	2.872	2.577	2.537	2.580	2.571	2.847	2.664	5.72
80)	T	1,3,5-Trimethy...	3.321	3.032	3.042	3.115	3.100	3.395	3.168	4.82
81)	T	trans-1,4-Dich...	0.216	0.226	0.211	0.224	0.208	0.250	0.222	6.88
82)	T	4-Chlorotoluene	2.902	2.692	2.605	2.682	2.592	2.882	2.726	4.94
83)	T	tert-Butylbenzene	2.968	2.745	2.755	2.812	2.773	3.160	2.869	5.73
84)	T	1,2,4-Trimethy...	3.184	2.935	2.981	3.149	3.047	3.371	3.111	5.11
85)	T	sec-Butylbenzene	4.405	4.003	3.956	4.076	4.046	4.413	4.150	4.94
86)	T	p-Isopropyltol...	3.554	3.237	3.304	3.433	3.381	3.753	3.444	5.42
87)	T	1,3-Dichlorobe...	1.937	1.686	1.660	1.746	1.652	1.824	1.751	6.38
88)	T	1,4-Dichlorobe...	1.906	1.702	1.632	1.715	1.599	1.778	1.722	6.38
89)	T	n-Butylbenzene	3.202	2.923	2.961	3.278	3.127	3.473	3.161	6.48
90)	T	Hexachloroethane	0.757	0.693	0.680	0.703	0.699	0.784	0.719	5.76
91)	T	1,2-Dichlorobe...	1.668	1.524	1.440	1.530	1.405	1.567	1.522	6.16
92)	T	1,2-Dibromo-3-...	0.099	0.099	0.089	0.103	0.089	0.109	0.098	7.91
93)	T	1,2,4-Trichlor...	0.796	0.754	0.743	0.953	0.873	1.004	0.854	12.63
94)	T	Hexachlorobuta...	0.600	0.518	0.523	0.590	0.542	0.605	0.563	7.06
95)	T	Naphthalene	1.072	1.171	1.176	1.645	1.440	1.723	1.371	19.86
96)	T	1,2,3-Trichlor...	0.641	0.640	0.626	0.828	0.726	0.832	0.716	13.32

(#) = Out of Range