Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y012425S.M
Title : SW846 8260
Last Update : Sat Jan 25 01:12:18 2025
Response Via : Initial Calibration

Calibration Files
5 =VY020933.D 10 =VY020932.D 20 =VY020931.D 50 =VY020927.D 100 =VY020928.D 150 =VY020929.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.394	0.395	0.388	0.384	0.335	0.373	0.378	5.96
3)	P	Chloromethane	0.301	0.309	0.283	0.281	0.237	0.277	0.281	8.88
4)	C	Vinyl Chloride	0.309	0.327	0.310	0.313	0.271	0.310	0.307	6.05#
5)	T	Bromomethane	0.244	0.241	0.203	0.199	0.167	0.191	0.208	14.42
6)	T	Chloroethane	0.182	0.190	0.183	0.185	0.158	0.180	0.180	6.21
7)	T	Trichlorofluor...	0.638	0.685	0.669	0.665	0.582	0.669	0.651	5.72
8)	T	Diethyl Ether	0.186	0.209	0.214	0.207	0.175	0.209	0.200	7.84
9)	T	1,1,2-Trichlor...	0.437	0.454	0.432	0.436	0.382	0.438	0.430	5.75
10)	T	Methyl Iodide	0.496	0.520	0.476	0.545	0.485	0.551	0.512	6.19
11)	T	Tert butyl alc...	0.038	0.037	0.039	0.027	0.020	0.024	0.031	26.67
12)	CM	1,1-Dichloroet...	0.401	0.428	0.412	0.408	0.365	0.421	0.406	5.43#
13)	T	Acrolein	0.031	0.044	0.047	0.046	0.040	0.043	0.042	14.01
14)	T	Allyl chloride	0.548	0.589	0.572	0.580	0.516	0.594	0.566	5.21
15)	T	Acrylonitrile	0.068	0.082	0.089	0.085	0.068	0.080	0.079	11.04
16)	T	Acetone	0.052	0.058	0.060	0.058	0.044	0.052	0.054	10.66
17)	T	Carbon Disulfide	1.237	1.304	1.274	1.276	1.131	1.297	1.253	5.15
18)	T	Methyl Acetate	0.192	0.198	0.210	0.208	0.168	0.194	0.195	7.72
19)	T	Methyl tert-bu...	0.841	0.982	1.017	0.977	0.843	0.981	0.940	8.24
20)	T	Methylene Chlo...	0.415	0.427	0.413	0.404	0.349	0.403	0.402	6.76
21)	T	trans-1,2-Dich...	0.440	0.460	0.443	0.446	0.388	0.448	0.438	5.76
22)	T	Diisopropyl ether	1.071	1.190	1.200	1.188	1.024	1.164	1.139	6.45
23)	T	Vinyl Acetate	0.530	0.653	0.701	0.679	0.568	0.653	0.631	10.62
24)	P	1,1-Dichloroet...	0.708	0.752	0.742	0.740	0.647	0.745	0.722	5.49
25)	T	2-Butanone	0.079	0.100	0.104	0.097	0.078	0.091	0.091	12.03
26)	T	2,2-Dichloropr...	0.772	0.742	0.722	0.701	0.623	0.709	0.711	7.08
27)	T	cis-1,2-Dichlo...	0.486	0.516	0.500	0.501	0.449	0.510	0.494	4.87
28)	T	Bromochloromet...	0.232	0.313	0.308	0.298	0.296	0.297	0.291	10.09
29)	T	Tetrahydrofuran	0.050	0.065	0.070	0.067	0.053	0.062	0.061	12.90
30)	C	Chloroform	0.759	0.792	0.786	0.777	0.682	0.790	0.764	5.51#
31)	T	Cyclohexane	0.817	0.762	0.714	0.680	0.605	0.681	0.710	10.34
32)	T	1,1,1-Trichlor...	0.738	0.774	0.753	0.755	0.663	0.766	0.742	5.44
33)	S	1,2-Dichloroet...	0.378	0.404	0.409	0.446	0.369	0.386	0.399	6.97
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.264	0.291	0.287	0.320	0.276	0.284	0.287	6.58
36)	T	1,1-Dichloropr...	0.405	0.412	0.404	0.412	0.361	0.410	0.401	4.87
37)	T	Ethyl Acetate	0.137	0.169	0.179	0.164	0.132	0.153	0.155	11.88
38)	T	Carbon Tetrach...	0.479	0.502	0.487	0.493	0.438	0.500	0.483	4.90
39)	T	Methylcyclohexane	0.524	0.553	0.545	0.559	0.502	0.572	0.543	4.66
40)	TM	Benzene	1.156	1.234	1.197	1.202	1.061	1.205	1.176	5.22
41)	T	Methacrylonitrile	0.064	0.078	0.096	0.092	0.069	0.094	0.082	16.79
42)	TM	1,2-Dichloroet...	0.281	0.302	0.307	0.305	0.262	0.300	0.293	6.08
43)	T	Isopropyl Acetate	0.236	0.301	0.327	0.318	0.270	0.317	0.295	12.01
44)	TM	Trichloroethene	0.309	0.336	0.326	0.322	0.290	0.332	0.319	5.31
45)	C	1,2-Dichloropr...	0.246	0.270	0.267	0.268	0.236	0.270	0.260	5.76#
46)	T	Dibromomethane	0.132	0.155	0.155	0.156	0.134	0.153	0.148	7.64
47)	T	Bromodichlorom...	0.371	0.412	0.398	0.406	0.358	0.411	0.393	5.84
48)	T	Methyl methacr...	0.111	0.141	0.154	0.149	0.130	0.150	0.139	11.77
49)	T	1,4-Dioxane	0.001	0.002	0.002	0.002	0.001	0.002	0.002	11.75
50)	S	Toluene-d8	0.981	1.135	1.121	1.254	1.081	1.109	1.113	7.93
51)	T	4-Methyl-2-Pen...	0.120	0.152	0.170	0.162	0.132	0.155	0.149	12.68
52)	CM	Toluene	0.722	0.786	0.774	0.779	0.692	0.785	0.756	5.24#
53)	T	t-1,3-Dichloro...	0.312	0.365	0.381	0.379	0.336	0.387	0.360	8.25
54)	T	cis-1,3-Dichlo...	0.399	0.436	0.446	0.446	0.396	0.455	0.430	6.03
55)	T	1,1,2-Trichlor...	0.189	0.201	0.217	0.207	0.179	0.205	0.199	6.87
56)	T	Ethyl methacry...	0.196	0.251	0.291	0.286	0.251	0.294	0.261	14.36

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57)	T	1,3-Dichloropr...	0.312	0.351	0.364	0.353	0.305	0.348	0.339	7.18
58)	T	2-Chloroethyl ...	0.085	0.119	0.131	0.125	0.119	0.132	0.119	14.56
59)	T	2-Hexanone	0.070	0.096	0.110	0.106	0.089	0.103	0.096	15.42
60)	T	Dibromochlorom...	0.257	0.289	0.296	0.290	0.257	0.296	0.281	6.71
61)	T	1,2-Dibromoethane	0.174	0.200	0.203	0.199	0.169	0.198	0.191	7.80
62)	S	4-Bromofluorob...	0.319	0.375	0.390	0.416	0.359	0.364	0.371	8.82
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.358	0.361	0.348	0.352	0.312	0.358	0.348	5.26
65)	PM	Chlorobenzene	0.972	1.019	0.991	0.992	0.881	1.012	0.978	5.11
66)	T	1,1,1,2-Tetrac...	0.342	0.363	0.358	0.355	0.310	0.357	0.347	5.60
67)	C	Ethyl Benzene	1.650	1.762	1.722	1.761	1.565	1.777	1.706	4.86#
68)	T	m/p-Xylenes	0.627	0.677	0.667	0.674	0.596	0.679	0.653	5.23
69)	T	o-Xylene	0.583	0.634	0.619	0.632	0.559	0.635	0.610	5.26
70)	T	Styrene	0.899	1.043	1.027	1.054	0.926	1.051	1.000	6.89
71)	P	Bromoform	0.178	0.203	0.213	0.208	0.177	0.202	0.197	7.90
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.394	3.496	3.423	3.562	3.149	3.639	3.444	4.93
74)	T	N-amyl acetate	0.467	0.593	0.663	0.675	0.584	0.695	0.613	13.72
75)	P	1,1,2,2-Tetrac...	0.485	0.566	0.577	0.570	0.469	0.548	0.536	8.76
76)	T	1,2,3-Trichlor...	0.292	0.353	0.436	0.395	0.304	0.342	0.354	15.42
77)	T	Bromobenzene	0.796	0.838	0.799	0.831	0.727	0.853	0.807	5.61
78)	T	n-propylbenzene	3.972	4.121	3.960	4.186	3.651	4.179	4.011	5.05
79)	T	2-Chlorotoluene	2.271	2.377	2.242	2.324	2.064	2.373	2.275	5.13
80)	T	1,3,5-Trimethy...	2.683	2.881	2.780	2.863	2.517	2.878	2.767	5.22
81)	T	trans-1,4-Dich...	0.137	0.194	0.195	0.199	0.171	0.202	0.183	13.66
82)	T	4-Chlorotoluene	2.309	2.416	2.357	2.398	2.073	2.386	2.323	5.52
83)	T	tert-Butylbenzene	2.499	2.603	2.542	2.696	2.328	2.646	2.552	5.12
84)	T	1,2,4-Trimethy...	2.598	2.831	2.747	2.830	2.481	2.857	2.724	5.58
85)	T	sec-Butylbenzene	3.555	3.776	3.640	3.745	3.322	3.796	3.639	4.95
86)	T	p-Isopropyltol...	2.958	3.166	3.093	3.194	2.821	3.214	3.074	5.05
87)	T	1,3-Dichlorobe...	1.540	1.638	1.554	1.588	1.371	1.583	1.546	5.95
88)	T	1,4-Dichlorobe...	1.544	1.602	1.523	1.555	1.334	1.553	1.518	6.20
89)	T	n-Butylbenzene	2.563	2.738	2.701	2.849	2.536	2.882	2.712	5.25
90)	T	Hexachloroethane	0.613	0.626	0.581	0.624	0.565	0.654	0.611	5.30
91)	T	1,2-Dichlorobe...	1.335	1.408	1.346	1.386	1.182	1.378	1.339	6.10
92)	T	1,2-Dibromo-3-...	0.069	0.083	0.090	0.085	0.070	0.086	0.080	10.92
93)	T	1,2,4-Trichlor...	0.697	0.786	0.792	0.840	0.782	0.938	0.806	9.87
94)	T	Hexachlorobuta...	0.560	0.554	0.528	0.560	0.513	0.592	0.551	5.02
95)	T	Naphthalene	0.970	1.182	1.304	1.397	1.282	1.616	1.292	16.68
96)	T	1,2,3-Trichlor...	0.589	0.648	0.672	0.704	0.651	0.797	0.677	10.34

(#) = Out of Range