Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y081922S.M
Title : SW846 8260
Last Update : Mon Aug 22 02:37:07 2022
Response Via : Initial Calibration

Calibration Files
5 =VY010093.D 10 =VY010094.D 20 =VY010095.D 50 =VY010096.D 100 =VY010097.D 150 =VY010098.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.472	0.355	0.334	0.368	0.356	0.351	0.373	13.40
3)	P	Chloromethane	0.472	0.433	0.405	0.403	0.402	0.401	0.419	6.78
4)	C	Vinyl Chloride	0.502	0.468	0.438	0.450	0.448	0.433	0.457	5.50#
5)	T	Bromomethane	0.423	0.374	0.335	0.317	0.315	0.311	0.346	12.85
6)	T	Chloroethane	0.314	0.302	0.286	0.285	0.283	0.279	0.291	4.65
7)	T	Trichlorofluor...	0.844	0.792	0.766	0.760	0.752	0.730	0.774	5.16
8)	T	Diethyl Ether	0.273	0.268	0.261	0.260	0.262	0.261	0.264	2.00
9)	T	1,1,2-Trichlor...	0.512	0.495	0.478	0.475	0.466	0.458	0.481	4.12
10)	T	Methyl Iodide	0.524	0.552	0.583	0.630	0.636	0.635	0.593	8.10
11)	T	Tert butyl alc...	0.060	0.042	0.039	0.039	0.040	0.045	0.044	18.53
12)	CM	1,1-Dichloroet...	0.473	0.469	0.453	0.459	0.459	0.453	0.461	1.79#
13)	T	Acrolein	0.028	0.029	0.028	0.019	0.020	0.020	0.024	20.40
14)	T	Allyl chloride	0.663	0.689	0.668	0.678	0.696	0.697	0.682	2.13
15)	T	Acrylonitrile	0.123	0.130	0.125	0.125	0.130	0.129	0.127	2.22
16)	T	Acetone	0.118	0.116	0.091	0.091	0.101	0.097	0.103	11.73
17)	T	Carbon Disulfide	1.517	1.542	1.468	1.433	1.419	1.397	1.463	3.93
18)	T	Methyl Acetate	0.354	0.313	0.301	0.300	0.309	0.307	0.314	6.38
19)	T	Methyl tert-bu...	1.080	1.103	1.115	1.166	1.195	1.195	1.142	4.35
20)	T	Methylene Chlo...	1.338	1.034	0.722	0.595	0.520	0.528	0.789	41.77
21)	T	trans-1,2-Dich...	0.514	0.541	0.532	0.515	0.520	0.514	0.523	2.11
22)	T	Diisopropyl ether	1.316	1.446	1.470	1.455	1.462	1.442	1.432	4.03
23)	T	Vinyl Acetate	0.761	0.851	0.860	0.898	0.928	0.916	0.869	7.01
24)	P	1,1-Dichloroet...	0.886	0.892	0.870	0.841	0.852	0.837	0.863	2.70
25)	T	2-Butanone	0.186	0.168	0.154	0.156	0.164	0.161	0.165	6.91
26)	T	2,2-Dichloropr...	0.904	0.768	0.739	0.733	0.748	0.741	0.772	8.53
27)	T	cis-1,2-Dichlo...	0.582	0.589	0.574	0.574	0.577	0.574	0.578	1.03
28)	T	Bromochloromet...	0.308	0.282	0.275	0.305	0.298	0.293	0.293	4.37
29)	T	Tetrahydrofuran	0.104	0.102	0.102	0.107	0.110	0.109	0.105	3.52
30)	C	Chloroform	0.925	0.936	0.915	0.886	0.883	0.869	0.902	2.97#
31)	T	Cyclohexane	0.945	0.852	0.828	0.814	0.803	0.792	0.839	6.68
32)	T	1,1,1-Trichlor...	0.786	0.807	0.793	0.779	0.783	0.772	0.787	1.57
33)	S	1,2-Dichloroet...	0.477	0.399	0.410	0.420	0.388	0.364	0.410	9.35
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.293	0.266	0.284	0.303	0.282	0.262	0.282	5.52
36)	T	1,1-Dichloropr...	0.449	0.451	0.444	0.455	0.454	0.443	0.450	1.10
37)	T	Ethyl Acetate	0.222	0.235	0.211	0.233	0.236	0.233	0.228	4.32
38)	T	Carbon Tetrach...	0.475	0.480	0.468	0.477	0.472	0.459	0.472	1.58
39)	T	Methylcyclohexane	0.523	0.537	0.539	0.580	0.581	0.567	0.555	4.44
40)	TM	Benzene	1.309	1.356	1.333	1.322	1.322	1.295	1.323	1.57
41)	T	Methacrylonitrile	0.121	0.152	0.110	0.143	0.132	0.127	0.131	11.40
42)	TM	1,2-Dichloroet...	0.334	0.351	0.343	0.340	0.337	0.330	0.339	2.18
43)	T	Isopropyl Acetate	0.386	0.400	0.398	0.422	0.435	0.432	0.412	4.90
44)	TM	Trichloroethene	0.381	0.390	0.376	0.378	0.377	0.373	0.379	1.58
45)	C	1,2-Dichloropr...	0.305	0.326	0.320	0.323	0.321	0.315	0.318	2.31#
46)	T	Dibromomethane	0.188	0.188	0.183	0.187	0.188	0.184	0.186	1.21
47)	T	Bromodichlorom...	0.419	0.443	0.435	0.438	0.435	0.431	0.433	1.87
48)	T	Methyl methacr...	0.167	0.166	0.175	0.198	0.201	0.199	0.184	9.14
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	8.16
50)	S	Toluene-d8	1.169	1.005	1.065	1.122	1.027	0.947	1.056	7.65
51)	T	4-Methyl-2-Pen...	0.206	0.217	0.215	0.235	0.236	0.229	0.223	5.52
52)	CM	Toluene	0.818	0.846	0.850	0.845	0.846	0.828	0.839	1.49#
53)	T	t-1,3-Dichloro...	0.409	0.436	0.439	0.448	0.466	0.459	0.443	4.57
54)	T	cis-1,3-Dichlo...	0.491	0.517	0.516	0.517	0.531	0.529	0.517	2.72
55)	T	1,1,2-Trichlor...	0.266	0.271	0.270	0.269	0.269	0.264	0.268	1.02
56)	T	Ethyl methacry...	0.295	0.313	0.324	0.356	0.372	0.369	0.338	9.46

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57)	T	1,3-Dichloropr...	0.430	0.446	0.439	0.446	0.449	0.443	0.442	1.60
58)	T	2-Chloroethyl ...	0.139	0.145	0.153	0.124	0.124	0.125	0.135	9.21
59)	T	2-Hexanone	0.134	0.147	0.144	0.164	0.166	0.162	0.153	8.55
60)	T	Dibromochlorom...	0.325	0.330	0.326	0.325	0.330	0.325	0.327	0.80
61)	T	1,2-Dibromoethane	0.253	0.264	0.259	0.263	0.265	0.263	0.261	1.63
62)	S	4-Bromofluorob...	0.388	0.359	0.377	0.409	0.379	0.351	0.377	5.48
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.403	0.419	0.405	0.408	0.399	0.388	0.404	2.52
65)	PM	Chlorobenzene	1.019	1.016	1.012	1.001	1.001	0.985	1.006	1.24
66)	T	1,1,1,2-Tetrac...	0.370	0.380	0.368	0.373	0.374	0.366	0.372	1.34
67)	C	Ethyl Benzene	1.668	1.757	1.731	1.794	1.802	1.763	1.752	2.78#
68)	T	m/p-Xylenes	0.640	0.689	0.689	0.703	0.696	0.684	0.683	3.26
69)	T	o-Xylene	0.590	0.612	0.635	0.659	0.666	0.656	0.636	4.75
70)	T	Styrene	0.974	1.059	1.095	1.136	1.135	1.116	1.086	5.70
71)	P	Bromoform	0.222	0.226	0.226	0.233	0.234	0.231	0.229	2.06
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.137	3.280	3.329	3.493	3.495	3.449	3.364	4.22
74)	T	N-amyl acetate	0.690	0.762	0.760	0.869	0.889	0.895	0.811	10.51
75)	P	1,1,2,2-Tetrac...	0.700	0.674	0.648	0.681	0.672	0.662	0.673	2.62
76)	T	1,2,3-Trichlor...	0.471	0.470	0.463	0.465	0.469	0.470	0.468	0.73
77)	T	Bromobenzene	0.819	0.813	0.803	0.823	0.826	0.825	0.818	1.05
78)	T	n-propylbenzene	3.895	4.033	4.123	4.314	4.246	4.169	4.130	3.64
79)	T	2-Chlorotoluene	2.269	2.311	2.311	2.363	2.367	2.338	2.326	1.60
80)	T	1,3,5-Trimethy...	2.604	2.780	2.853	2.909	2.899	2.840	2.814	4.01
81)	T	trans-1,4-Dich...	0.219	0.220	0.221	0.242	0.249	0.247	0.233	6.17
82)	T	4-Chlorotoluene	2.349	2.430	2.406	2.461	2.428	2.397	2.412	1.58
83)	T	tert-Butylbenzene	2.283	2.405	2.411	2.548	2.562	2.513	2.454	4.37
84)	T	1,2,4-Trimethy...	2.603	2.716	2.834	2.897	2.858	2.816	2.787	3.90
85)	T	sec-Butylbenzene	3.556	3.680	3.691	3.874	3.817	3.701	3.720	3.01
86)	T	p-Isopropyltol...	2.818	3.011	3.059	3.206	3.185	3.119	3.066	4.64
87)	T	1,3-Dichlorobe...	1.667	1.680	1.636	1.643	1.638	1.621	1.648	1.33
88)	T	1,4-Dichlorobe...	1.733	1.704	1.622	1.630	1.607	1.602	1.650	3.33
89)	T	n-Butylbenzene	2.703	2.817	2.850	3.010	3.004	2.933	2.886	4.13
90)	T	Hexachloroethane	0.659	0.635	0.614	0.627	0.613	0.604	0.625	3.18
91)	T	1,2-Dichlorobe...	1.487	1.487	1.451	1.463	1.444	1.444	1.462	1.38
92)	T	1,2-Dibromo-3-...	0.106	0.099	0.094	0.106	0.105	0.108	0.103	5.14
93)	T	1,2,4-Trichlor...	0.802	0.832	0.827	0.887	0.911	0.944	0.867	6.36
94)	T	Hexachlorobuta...	0.531	0.519	0.500	0.522	0.511	0.506	0.515	2.20
95)	T	Naphthalene	1.432	1.433	1.516	1.794	1.914	2.014	1.684	15.21
96)	T	1,2,3-Trichlor...	0.707	0.712	0.712	0.776	0.800	0.828	0.756	6.97

(#) = Out of Range