Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y070821S.M
Title : SW846 8260
Last Update : Fri Jul 09 07:16:38 2021
Response Via : Initial Calibration

Calibration Files
5 =VY005383.D 10 =VY005384.D 20 =VY005385.D 50 =VY005386.D 100 =VY005387.D 150 =VY005388.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.477	0.367	0.388	0.321	0.322	0.303	0.363	17.66
3)	P	Chloromethane	0.523	0.458	0.469	0.404	0.388	0.391	0.439	12.22
4)	C	Vinyl Chloride	0.616	0.549	0.563	0.499	0.504	0.469	0.533	9.96#
5)	T	Bromomethane	0.481	0.403	0.396	0.343	0.333	0.334	0.381	15.13
6)	T	Chloroethane	0.386	0.332	0.356	0.327	0.325	0.314	0.340	7.79
7)	T	Trichlorofluor...	0.902	0.760	0.788	0.713	0.722	0.681	0.761	10.32
8)	T	Diethyl Ether	0.288	0.268	0.276	0.254	0.232	0.253	0.262	7.60
9)	T	1,1,2-Trichlor...	0.495	0.409	0.432	0.410	0.411	0.394	0.425	8.52
10)	T	Methyl Iodide	0.421	0.422	0.505	0.510	0.519	0.513	0.482	9.70
11)	T	Tert butyl alc...	0.162	0.116	0.077	0.052	0.038	0.045	0.082	59.21
12)	CM	1,1-Dichloroet...	0.488	0.415	0.449	0.415	0.417	0.407	0.432	7.23#
13)	T	Acrolein	0.045	0.049	0.045	0.043	0.038	0.041	0.044	8.76
14)	T	Allyl chloride	0.663	0.609	0.657	0.627	0.616	0.621	0.632	3.53
15)	T	Acrylonitrile	0.127	0.121	0.126	0.121	0.102	0.116	0.119	7.76
16)	T	Acetone	0.161	0.119	0.101	0.103	0.075	0.086	0.108	28.06
17)	T	Carbon Disulfide	1.532	1.283	1.349	1.198	1.208	1.173	1.290	10.43
18)	T	Methyl Acetate	0.379	0.272	0.282	0.253	0.213	0.243	0.274	20.83
19)	T	Methyl tert-bu...	1.280	1.161	1.240	1.213	1.100	1.191	1.197	5.22
20)	T	Methylene Chlo...	1.359	0.920	0.834	0.653	0.471	0.482	0.787	42.50
21)	T	trans-1,2-Dich...	0.539	0.471	0.504	0.470	0.472	0.463	0.486	6.03
22)	T	Diisopropyl ether	1.300	1.273	1.374	1.313	1.233	1.283	1.296	3.63
23)	T	Vinyl Acetate	0.766	0.810	0.875	0.855	0.754	0.829	0.815	5.93
24)	P	1,1-Dichloroet...	0.853	0.785	0.827	0.793	0.779	0.780	0.803	3.79
25)	T	2-Butanone	0.172	0.156	0.153	0.150	0.123	0.140	0.149	10.87
26)	T	2,2-Dichloropr...	0.892	0.763	0.764	0.736	0.724	0.711	0.765	8.59
27)	T	cis-1,2-Dichlo...	0.588	0.521	0.564	0.546	0.532	0.542	0.549	4.39
28)	T	Bromochloromet...	0.342	0.327	0.319	0.326	0.306	0.312	0.322	3.92
29)	T	Tetrahydrofuran	0.103	0.098	0.101	0.099	0.082	0.093	0.096	7.75
30)	C	Chloroform	0.942	0.831	0.877	0.850	0.819	0.825	0.857	5.42#
31)	T	Cyclohexane	0.989	0.791	0.808	0.734	0.727	0.703	0.792	13.18
32)	T	1,1,1-Trichlor...	0.850	0.764	0.803	0.770	0.781	0.759	0.788	4.37
33)	S	1,2-Dichloroet...	0.548	0.511	0.492	0.461	0.423	0.460	0.482	9.16
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.300	0.287	0.301	0.286	0.287	0.292	0.292	2.35
36)	T	1,1-Dichloropr...	0.472	0.435	0.466	0.447	0.459	0.438	0.453	3.40
37)	T	Ethyl Acetate	0.266	0.232	0.236	0.226	0.195	0.215	0.228	10.31
38)	T	Carbon Tetrach...	0.564	0.482	0.523	0.499	0.518	0.481	0.511	6.11
39)	T	Methylcyclohexane	0.623	0.544	0.593	0.573	0.598	0.564	0.583	4.76
40)	TM	Benzene	1.482	1.276	1.379	1.321	1.334	1.308	1.350	5.41
41)	T	Methacrylonitrile	0.115	0.102	0.114	0.110	0.115	0.126	0.114	7.01
42)	TM	1,2-Dichloroet...	0.431	0.377	0.403	0.387	0.361	0.377	0.389	6.33
43)	T	Isopropyl Acetate	0.439	0.412	0.431	0.422	0.384	0.417	0.418	4.51
44)	TM	Trichloroethene	0.421	0.358	0.390	0.373	0.380	0.362	0.381	5.97
45)	C	1,2-Dichloropr...	0.333	0.300	0.326	0.315	0.310	0.314	0.316	3.73#
46)	T	Dibromomethane	0.186	0.170	0.183	0.178	0.167	0.175	0.176	4.28
47)	T	Bromodichlorom...	0.477	0.427	0.458	0.448	0.438	0.442	0.448	3.86
48)	T	Methyl methacr...	0.188	0.184	0.198	0.200	0.181	0.195	0.191	4.14
49)	T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.002	0.003	0.003	6.92
50)	S	Toluene-d8	1.371	1.228	1.278	1.207	1.243	1.214	1.257	4.88
51)	T	4-Methyl-2-Pen...	0.244	0.233	0.243	0.234	0.207	0.224	0.231	5.96
52)	CM	Toluene	0.907	0.819	0.901	0.874	0.882	0.855	0.873	3.71#
53)	T	t-1,3-Dichloro...	0.515	0.463	0.499	0.499	0.476	0.494	0.491	3.81
54)	T	cis-1,3-Dichlo...	0.583	0.509	0.562	0.545	0.535	0.545	0.546	4.55
55)	T	1,1,2-Trichlor...	0.282	0.265	0.277	0.272	0.252	0.264	0.269	3.94
56)	T	Ethyl methacry...	0.346	0.337	0.379	0.382	0.357	0.382	0.364	5.50

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57)	T	1,3-Dichloropr...	0.481	0.439	0.467	0.465	0.432	0.454	0.457	4.03
58)	T	2-Chloroethyl ...	0.169	0.184	0.187	0.154	0.143	0.155	0.166	10.63
59)	T	2-Hexanone	0.170	0.158	0.169	0.167	0.145	0.158	0.161	5.87
60)	T	Dibromochlorom...	0.348	0.315	0.338	0.337	0.320	0.332	0.332	3.70
61)	T	1,2-Dibromoethane	0.277	0.247	0.260	0.257	0.236	0.250	0.254	5.45
62)	S	4-Bromofluorob...	0.460	0.421	0.431	0.407	0.407	0.416	0.424	4.76
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.431	0.351	0.380	0.363	0.378	0.344	0.375	8.34
65)	PM	Chlorobenzene	1.151	0.991	1.049	1.032	1.041	1.000	1.044	5.47
66)	T	1,1,1,2-Tetrac...	0.389	0.367	0.385	0.386	0.391	0.382	0.383	2.23
67)	C	Ethyl Benzene	1.938	1.709	1.845	1.825	1.923	1.803	1.841	4.55#
68)	T	m/p-Xylenes	0.738	0.674	0.743	0.726	0.761	0.713	0.726	4.14
69)	T	o-Xylene	0.722	0.625	0.698	0.696	0.727	0.690	0.693	5.26
70)	T	Styrene	1.206	1.079	1.203	1.195	1.227	1.185	1.183	4.45
71)	P	Bromoform	0.263	0.238	0.247	0.249	0.236	0.237	0.245	4.32
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.645	3.190	3.439	3.424	3.665	3.472	3.472	4.99
74)	T	N-amyl acetate	0.809	0.794	0.813	0.821	0.805	0.846	0.815	2.19
75)	P	1,1,2,2-Tetrac...	0.702	0.651	0.641	0.637	0.601	0.636	0.645	5.08
76)	T	1,2,3-Trichlor...	0.553	0.441	0.442	0.441	0.406	0.436	0.453	11.22
77)	T	Bromobenzene	0.882	0.801	0.852	0.840	0.865	0.853	0.849	3.22
78)	T	n-propylbenzene	4.154	3.823	4.107	4.056	4.357	4.115	4.102	4.19
79)	T	2-Chlorotoluene	2.385	2.143	2.302	2.263	2.402	2.319	2.302	4.06
80)	T	1,3,5-Trimethy...	3.076	2.698	2.902	2.871	3.037	2.895	2.913	4.61
81)	T	trans-1,4-Dich...	0.265	0.231	0.240	0.239	0.227	0.241	0.240	5.44
82)	T	4-Chlorotoluene	2.431	2.250	2.372	2.345	2.469	2.382	2.375	3.19
83)	T	tert-Butylbenzene	2.565	2.329	2.544	2.539	2.716	2.549	2.540	4.86
84)	T	1,2,4-Trimethy...	3.009	2.654	2.902	2.870	3.024	2.907	2.894	4.60
85)	T	sec-Butylbenzene	3.719	3.500	3.781	3.763	4.002	3.744	3.751	4.26
86)	T	p-Isopropyltol...	3.222	3.008	3.263	3.267	3.490	3.274	3.254	4.72
87)	T	1,3-Dichlorobe...	1.854	1.606	1.699	1.684	1.736	1.683	1.710	4.80
88)	T	1,4-Dichlorobe...	1.881	1.603	1.696	1.661	1.677	1.629	1.691	5.84
89)	T	n-Butylbenzene	2.906	2.694	2.926	2.914	3.091	2.921	2.909	4.35
90)	T	Hexachloroethane	0.572	0.545	0.583	0.580	0.606	0.579	0.578	3.41
91)	T	1,2-Dichlorobe...	1.605	1.454	1.536	1.486	1.488	1.465	1.505	3.72
92)	T	1,2-Dibromo-3-...	0.131	0.115	0.118	0.111	0.101	0.110	0.114	9.00
93)	T	1,2,4-Trichlor...	1.039	0.930	1.017	0.993	1.010	1.015	1.001	3.74
94)	T	Hexachlorobuta...	0.654	0.601	0.637	0.635	0.648	0.622	0.633	3.03
95)	T	Naphthalene	1.924	1.804	1.905	1.936	1.849	1.977	1.899	3.30
96)	T	1,2,3-Trichlor...	0.918	0.811	0.880	0.863	0.861	0.880	0.869	4.01

(#) = Out of Range