Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y070722S.M
Title : SW846 8260
Last Update : Fri Jul 08 11:00:56 2022
Response Via : Initial Calibration

Calibration Files
5 =VY009464.D 10 =VY009465.D 20 =VY009474.D 50 =VY009471.D 100 =VY009472.D 150 =VY009473.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.412	0.385	0.347	0.380	0.386	0.390	0.383	5.48
3)	P	Chloromethane	0.457	0.395	0.396	0.450	0.449	0.423	0.428	6.57
4)	C	Vinyl Chloride	0.523	0.483	0.438	0.526	0.491	0.464	0.488	6.95#
5)	T	Bromomethane	0.374	0.315	0.362	0.344	0.353	0.353	0.350	5.76
6)	T	Chloroethane	0.298	0.289	0.263	0.282	0.286	0.289	0.285	4.08
7)	T	Trichlorofluor...	0.705	0.649	0.626	0.668	0.644	0.613	0.651	5.03
8)	T	Diethyl Ether	0.207	0.245	0.248	0.257	0.265	0.272	0.249	9.24
9)	T	1,1,2-Trichlor...	0.436	0.425	0.424	0.445	0.453	0.463	0.441	3.54
10)	T	Methyl Iodide	0.460	0.476	0.367	0.579	0.629	0.627	0.523	20.17
11)	T	Tert butyl alc...	0.096	0.092	0.092	0.061	0.058	0.062	0.077	23.52
12)	CM	1,1-Dichloroet...	0.369	0.376	0.374	0.430	0.445	0.460	0.409	9.91#
13)	T	Acrolein	0.018	0.024	0.022	0.039	0.042	0.044	0.031	36.20
14)	T	Allyl chloride	0.467	0.686	0.688	0.787	0.817	0.777	0.704	18.16
15)	T	Acrylonitrile	0.105	0.140	0.143	0.144	0.147	0.143	0.137	11.63
16)	T	Acetone	0.091	0.120	0.114	0.162	0.124	0.119	0.122	19.04
17)	T	Carbon Disulfide	0.904	0.879	0.859	1.383	1.439	1.443	1.151	25.83
18)	T	Methyl Acetate	0.385	0.367	0.380	0.333	0.338	0.340	0.357	6.43
19)	T	Methyl tert-bu...	0.991	1.253	1.251	1.271	1.345	1.316	1.238	10.21
20)	T	Methylene Chlo...	0.964	0.781	0.707	0.566	0.552	0.539	0.685	24.53
21)	T	trans-1,2-Dich...	0.405	0.448	0.441	0.512	0.543	0.525	0.479	11.50
22)	T	Diisopropyl ether	1.060	1.595	1.643	1.680	1.545	1.453	1.496	15.23
23)	T	Vinyl Acetate	0.535	0.973	1.021	1.128	1.067	1.015	0.957	22.28
24)	P	1,1-Dichloroet...	0.680	0.860	0.844	0.878	0.918	0.882	0.844	9.94
25)	T	2-Butanone	0.178	0.196	0.197	0.228	0.198	0.184	0.197	8.70
26)	T	2,2-Dichloropr...	0.855	0.881	0.797	0.832	0.830	0.794	0.832	4.02
27)	T	cis-1,2-Dichlo...	0.494	0.561	0.559	0.578	0.611	0.582	0.564	6.98
28)	T	Bromochloromet...	0.376	0.346	0.347	0.377	0.354	0.328	0.355	5.36
29)	T	Tetrahydrofuran	0.123	0.126	0.130	0.137	0.126	0.121	0.127	4.46
30)	C	Chloroform	0.963	0.914	0.900	0.905	0.951	0.908	0.923	2.86#
31)	T	Cyclohexane	0.876	0.794	0.728	0.875	0.858	0.791	0.820	7.24
32)	T	1,1,1-Trichlor...	0.813	0.793	0.781	0.821	0.847	0.829	0.814	2.98
33)	S	1,2-Dichloroet...	0.540	0.517	0.521	0.330	0.336	0.320	0.427	25.37
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.293	0.296	0.302	0.227	0.233	0.227	0.263	14.25
36)	T	1,1-Dichloropr...	0.423	0.400	0.397	0.460	0.450	0.440	0.428	6.10
37)	T	Ethyl Acetate	0.255	0.288	0.272	0.282	0.261	0.254	0.268	5.33
38)	T	Carbon Tetrach...	0.448	0.450	0.436	0.477	0.467	0.471	0.458	3.45
39)	T	Methylcyclohexane	0.464	0.452	0.459	0.585	0.573	0.552	0.514	12.09
40)	TM	Benzene	1.221	1.230	1.205	1.342	1.300	1.248	1.258	4.19
41)	T	Methacrylonitrile	0.129	0.164	0.147	0.153	0.124	0.120	0.139	12.73
42)	TM	1,2-Dichloroet...	0.390	0.373	0.375	0.385	0.376	0.367	0.378	2.22
43)	T	Isopropyl Acetate	0.470	0.509	0.514	0.527	0.497	0.488	0.501	4.05
44)	TM	Trichloroethene	0.350	0.345	0.342	0.372	0.363	0.359	0.355	3.21
45)	C	1,2-Dichloropr...	0.309	0.313	0.320	0.336	0.323	0.309	0.318	3.27#
46)	T	Dibromomethane	0.176	0.185	0.188	0.195	0.192	0.185	0.187	3.64
47)	T	Bromodichlorom...	0.433	0.446	0.443	0.450	0.455	0.441	0.445	1.74
48)	T	Methyl methacr...	0.188	0.213	0.223	0.235	0.218	0.217	0.216	7.18
49)	T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.003	0.003	0.003	6.71
50)	S	Toluene-d8	1.117	1.121	1.201	0.677	0.664	0.643	0.904	29.60
51)	T	4-Methyl-2-Pen...	0.248	0.274	0.277	0.284	0.250	0.248	0.263	6.25
52)	CM	Toluene	0.752	0.785	0.786	0.875	0.821	0.789	0.801	5.26#
53)	T	t-1,3-Dichloro...	0.433	0.458	0.459	0.503	0.485	0.473	0.469	5.16
54)	T	cis-1,3-Dichlo...	0.492	0.508	0.512	0.555	0.548	0.520	0.522	4.62
55)	T	1,1,2-Trichlor...	0.256	0.275	0.276	0.284	0.268	0.258	0.270	4.00
56)	T	Ethyl methacry...	0.282	0.345	0.365	0.406	0.378	0.372	0.358	11.73

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57)	T	1,3-Dichloropr...	0.426	0.428	0.455	0.470	0.450	0.437	0.444	3.84
58)	T	2-Chloroethyl ...	0.165	0.168	0.172	0.194	0.178	0.171	0.175	5.89
59)	T	2-Hexanone	0.163	0.182	0.191	0.210	0.175	0.174	0.183	9.14
60)	T	Dibromochlorom...	0.307	0.321	0.325	0.345	0.331	0.329	0.326	3.83
61)	T	1,2-Dibromoethane	0.238	0.250	0.261	0.274	0.267	0.261	0.258	5.03
62)	S	4-Bromofluorob...	0.400	0.394	0.427	0.357	0.331	0.319	0.371	11.38
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.441	0.414	0.395	0.443	0.419	0.397	0.418	4.98
65)	PM	Chlorobenzene	0.994	0.955	0.975	1.030	0.984	0.954	0.982	2.89
66)	T	1,1,1,2-Tetrac...	0.379	0.370	0.366	0.381	0.364	0.355	0.369	2.61
67)	C	Ethyl Benzene	1.694	1.653	1.699	1.828	1.729	1.684	1.714	3.54#
68)	T	m/p-Xylenes	0.643	0.655	0.659	0.722	0.675	0.658	0.669	4.21
69)	T	o-Xylene	0.627	0.603	0.644	0.695	0.648	0.628	0.641	4.81
70)	T	Styrene	0.965	1.047	1.085	1.158	1.096	1.071	1.070	5.93
71)	P	Bromoform	0.219	0.226	0.237	0.250	0.241	0.240	0.235	4.79
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.249	3.260	3.173	3.663	3.604	3.568	3.419	6.29
74)	T	N-amyl acetate	0.864	0.975	0.965	1.003	1.005	1.025	0.973	5.91
75)	P	1,1,2,2-Tetrac...	0.637	0.673	0.657	0.720	0.712	0.709	0.685	4.93
76)	T	1,2,3-Trichlor...	0.474	0.580	0.562	0.598	0.489	0.472	0.529	10.79
77)	T	Bromobenzene	0.815	0.826	0.775	0.869	0.863	0.847	0.832	4.20
78)	T	n-propylbenzene	3.896	4.009	3.903	4.425	4.317	4.236	4.131	5.46
79)	T	2-Chlorotoluene	2.183	2.174	2.206	2.460	2.453	2.401	2.313	6.01
80)	T	1,3,5-Trimethy...	2.685	2.760	2.724	3.046	2.999	2.935	2.858	5.39
81)	T	trans-1,4-Dich...	0.241	0.258	0.231	0.279	0.269	0.274	0.259	7.43
82)	T	4-Chlorotoluene	2.353	2.361	2.320	2.542	2.508	2.459	2.424	3.78
83)	T	tert-Butylbenzene	2.380	2.456	2.427	2.696	2.648	2.650	2.543	5.37
84)	T	1,2,4-Trimethy...	2.727	2.779	2.704	3.015	2.953	2.892	2.845	4.46
85)	T	sec-Butylbenzene	3.555	3.672	3.643	3.957	3.859	3.785	3.745	3.98
86)	T	p-Isopropyltol...	2.945	3.081	3.024	3.290	3.222	3.168	3.122	4.13
87)	T	1,3-Dichlorobe...	1.649	1.653	1.617	1.686	1.635	1.619	1.643	1.57
88)	T	1,4-Dichlorobe...	1.715	1.696	1.582	1.690	1.656	1.640	1.663	2.91
89)	T	n-Butylbenzene	2.801	2.865	2.833	3.057	3.006	2.929	2.915	3.46
90)	T	Hexachloroethane	0.608	0.615	0.571	0.635	0.631	0.614	0.613	3.71
91)	T	1,2-Dichlorobe...	1.578	1.506	1.471	1.521	1.491	1.466	1.506	2.73
92)	T	1,2-Dibromo-3-...	0.101	0.116	0.121	0.124	0.126	0.132	0.120	8.89
93)	T	1,2,4-Trichlor...	0.915	0.891	0.870	0.935	0.946	0.953	0.918	3.54
94)	T	Hexachlorobuta...	0.526	0.515	0.496	0.506	0.501	0.485	0.505	2.84
95)	T	Naphthalene	1.641	1.695	1.856	2.017	2.041	2.140	1.899	10.59
96)	T	1,2,3-Trichlor...	0.782	0.738	0.777	0.810	0.825	0.839	0.795	4.64

(#) = Out of Range