Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y080322S.M
Title : SW846 8260
Last Update : Thu Aug 04 02:27:45 2022
Response Via : Initial Calibration

Calibration Files
5 =VY009814.D 10 =VY009815.D 20 =VY009816.D 50 =VY009817.D 100 =VY009818.D 150 =VY009819.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.658	0.618	0.540	0.463	0.448	0.435	0.527	17.87
3)	P	Chloromethane	0.886	0.751	0.762	0.678	0.647	0.614	0.723	13.62
4)	C	Vinyl Chloride	0.898	0.813	0.766	0.726	0.689	0.655	0.758	11.69#
5)	T	Bromomethane	0.653	0.577	0.528	0.492	0.451	0.380	0.514	18.67
6)	T	Chloroethane	0.598	0.522	0.524	0.476	0.438	0.400	0.493	14.31
7)	T	Trichlorofluor...	1.088	1.021	1.033	0.984	0.961	0.976	1.010	4.64
8)	T	Diethyl Ether	0.312	0.301	0.308	0.289	0.294	0.320	0.304	3.74
9)	T	1,1,2-Trichlor...	0.626	0.577	0.562	0.530	0.515	0.507	0.553	8.13
10)	T	Methyl Iodide	0.578	0.607	0.646	0.656	0.666	0.650	0.634	5.35
11)	T	Tert butyl alc...	0.060	0.054	0.059	0.044	0.048	0.053	0.053	11.54
12)	CM	1,1-Dichloroet...	0.560	0.506	0.513	0.486	0.485	0.481	0.505	5.91#
13)	T	Acrolein	0.008	0.008	0.010	0.005	0.005	0.005	0.007	29.15
14)	T	Allyl chloride	0.826	0.812	0.813	0.829	0.890	0.913	0.847	5.12
15)	T	Acrylonitrile	0.159	0.152	0.164	0.157	0.164	0.172	0.161	4.35
16)	T	Acetone	0.166	0.135	0.145	0.134	0.135	0.133	0.142	9.19
17)	T	Carbon Disulfide	1.824	1.583	1.580	1.508	1.485	1.464	1.574	8.37
18)	T	Methyl Acetate	0.458	0.461	0.442	0.370	0.385	0.417	0.422	9.04
19)	T	Methyl tert-bu...	1.183	1.159	1.311	1.293	1.394	1.430	1.295	8.41
20)	T	Methylene Chlo...	1.494	1.145	0.829	0.631	0.601	0.584	0.880	41.80
21)	T	trans-1,2-Dich...	0.609	0.570	0.570	0.562	0.571	0.561	0.574	3.12
22)	T	Diisopropyl ether	1.720	1.673	1.838	1.906	2.024	2.094	1.876	8.83
23)	T	Vinyl Acetate	1.031	1.024	1.153	1.232	1.334	1.409	1.197	13.17
24)	P	1,1-Dichloroet...	1.045	1.022	1.015	0.991	1.013	1.007	1.015	1.77
25)	T	2-Butanone	0.246	0.218	0.233	0.219	0.230	0.243	0.232	5.00
26)	T	2,2-Dichloropr...	1.100	0.975	0.967	0.872	0.880	0.869	0.944	9.55
27)	T	cis-1,2-Dichlo...	0.643	0.627	0.649	0.639	0.644	0.645	0.641	1.22
28)	T	Bromochloromet...	0.433	0.367	0.384	0.388	0.401	0.402	0.396	5.58
29)	T	Tetrahydrofuran	0.137	0.132	0.153	0.143	0.158	0.171	0.149	9.77
30)	C	Chloroform	1.123	1.089	1.063	1.040	1.035	1.025	1.062	3.53#
31)	T	Cyclohexane	1.079	0.889	0.888	0.921	0.941	0.958	0.946	7.50
32)	T	1,1,1-Trichlor...	0.961	0.931	0.938	0.898	0.899	0.897	0.921	2.89
33)	S	1,2-Dichloroet...	0.572	0.643	0.598	0.389	0.383	0.380	0.494	24.86
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.328	0.356	0.343	0.279	0.264	0.259	0.305	13.97
36)	T	1,1-Dichloropr...	0.514	0.500	0.502	0.512	0.507	0.499	0.506	1.23
37)	T	Ethyl Acetate	0.332	0.329	0.338	0.308	0.327	0.343	0.329	3.67
38)	T	Carbon Tetrach...	0.544	0.537	0.552	0.530	0.526	0.502	0.532	3.30
39)	T	Methylcyclohexane	0.592	0.512	0.558	0.593	0.650	0.616	0.587	8.13
40)	TM	Benzene	1.576	1.526	1.568	1.532	1.509	1.495	1.534	2.08
41)	T	Methacrylonitrile	0.148	0.143	0.146	0.144	0.186	0.197	0.161	14.92
42)	TM	1,2-Dichloroet...	0.444	0.450	0.466	0.435	0.428	0.420	0.441	3.76
43)	T	Isopropyl Acetate	0.555	0.515	0.568	0.571	0.602	0.631	0.574	6.94
44)	TM	Trichloroethene	0.416	0.393	0.423	0.403	0.428	0.390	0.409	3.90
45)	C	1,2-Dichloropr...	0.375	0.360	0.382	0.390	0.409	0.384	0.383	4.30#
46)	T	Dibromomethane	0.246	0.238	0.236	0.226	0.253	0.220	0.236	5.21
47)	T	Bromodichlorom...	0.609	0.537	0.532	0.512	0.581	0.506	0.546	7.38
48)	T	Methyl methacr...	0.246	0.208	0.254	0.266	0.306	0.298	0.263	13.64
49)	T	1,4-Dioxane	0.002	0.002	0.003	0.003	0.003	0.003	0.003	21.88
50)	S	Toluene-d8	1.115	1.460	1.303	0.837	0.885	0.793	1.065	25.64
51)	T	4-Methyl-2-Pen...	0.299	0.290	0.324	0.322	0.352	0.356	0.324	8.25
52)	CM	Toluene	0.983	0.962	0.941	0.955	1.008	0.951	0.967	2.55#
53)	T	t-1,3-Dichloro...	0.497	0.522	0.554	0.524	0.569	0.545	0.535	4.84
54)	T	cis-1,3-Dichlo...	0.585	0.572	0.593	0.604	0.659	0.612	0.604	5.04
55)	T	1,1,2-Trichlor...	0.311	0.306	0.348	0.306	0.324	0.305	0.317	5.40
56)	T	Ethyl methacry...	0.319	0.325	0.402	0.405	0.481	0.457	0.398	16.67

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y080322S.M

57)	T	1,3-Dichloropr...	0.530	0.503	0.550	0.530	0.594	0.520	0.538	5.86
58)	T	2-Chloroethyl ...	0.158	0.191	0.203	0.193	0.210	0.208	0.194	9.99
59)	T	2-Hexanone	0.195	0.184	0.235	0.225	0.258	0.250	0.224	13.14
60)	T	Dibromochlorom...	0.378	0.376	0.407	0.366	0.383	0.363	0.379	4.11
61)	T	1,2-Dibromoethane	0.322	0.292	0.317	0.324	0.310	0.289	0.309	4.85
62)	S	4-Bromofluorob...	0.375	0.396	0.452	0.461	0.404	0.389	0.413	8.52
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.437	0.393	0.397	0.382	0.393	0.378	0.397	5.28
65)	PM	Chlorobenzene	1.120	1.061	1.086	1.141	1.055	1.054	1.086	3.39
66)	T	1,1,1,2-Tetrac...	0.408	0.378	0.410	0.436	0.400	0.385	0.403	5.13
67)	C	Ethyl Benzene	1.757	1.644	1.815	2.144	2.029	1.927	1.886	9.74#
68)	T	m/p-Xylenes	0.665	0.673	0.738	0.836	0.786	0.745	0.740	8.87
69)	T	o-Xylene	0.576	0.559	0.636	0.775	0.708	0.715	0.662	12.89
70)	T	Styrene	0.901	0.933	1.099	1.368	1.245	1.244	1.132	16.56
71)	P	Bromoform	0.224	0.223	0.244	0.271	0.244	0.243	0.242	7.24
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.110	3.011	3.540	3.839	3.664	3.675	3.473	9.64
74)	T	N-amyl acetate	0.839	0.882	1.063	1.220	1.271	1.315	1.098	18.52
75)	P	1,1,2,2-Tetrac...	0.801	0.746	0.818	0.806	0.761	0.765	0.783	3.73
76)	T	1,2,3-Trichlor...	0.663	0.491	0.650	0.556	0.541	0.531	0.572	12.04
77)	T	Bromobenzene	0.846	0.865	0.948	0.896	0.839	0.837	0.872	4.96
78)	T	n-propylbenzene	3.835	3.907	4.413	4.935	4.631	4.570	4.382	9.83
79)	T	2-Chlorotoluene	2.245	2.264	2.450	2.658	2.518	2.505	2.440	6.54
80)	T	1,3,5-Trimethy...	2.571	2.599	3.094	3.238	3.049	3.026	2.930	9.46
81)	T	trans-1,4-Dich...	0.245	0.226	0.264	0.284	0.287	0.293	0.266	10.03
82)	T	4-Chlorotoluene	2.329	2.371	2.679	2.831	2.623	2.608	2.574	7.42
83)	T	tert-Butylbenzene	2.130	2.303	2.509	2.813	2.637	2.633	2.504	9.94
84)	T	1,2,4-Trimethy...	2.481	2.540	3.043	3.215	3.051	3.001	2.888	10.47
85)	T	sec-Butylbenzene	3.412	3.487	3.907	4.129	4.066	3.970	3.828	7.95
86)	T	p-Isopropyltol...	2.726	2.847	3.017	3.365	3.364	3.309	3.105	9.05
87)	T	1,3-Dichlorobe...	1.780	1.687	1.712	1.733	1.706	1.662	1.713	2.37
88)	T	1,4-Dichlorobe...	1.898	1.752	1.714	1.720	1.714	1.666	1.744	4.60
89)	T	n-Butylbenzene	2.724	2.648	2.909	3.290	3.308	3.363	3.040	10.50
90)	T	Hexachloroethane	0.680	0.639	0.669	0.673	0.660	0.681	0.667	2.36
91)	T	1,2-Dichlorobe...	1.561	1.510	1.620	1.585	1.542	1.593	1.568	2.50
92)	T	1,2-Dibromo-3-...	0.131	0.127	0.112	0.112	0.119	0.136	0.123	8.12
93)	T	1,2,4-Trichlor...	0.811	0.797	0.866	0.857	0.914	0.976	0.870	7.68
94)	T	Hexachlorobuta...	0.541	0.495	0.526	0.499	0.491	0.506	0.510	3.90
95)	T	Naphthalene	1.380	1.331	1.694	1.746	1.995	2.218	1.727	19.90
96)	T	1,2,3-Trichlor...	0.726	0.693	0.776	0.767	0.804	0.852	0.770	7.28

(#) = Out of Range