Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y031722S.M
Title : SW846 8260
Last Update : Thu Mar 17 13:55:34 2022
Response Via : Initial Calibration

Calibration Files
5 =VY007868.D 10 =VY007869.D 20 =VY007870.D 50 =VY007875.D 100 =VY007872.D

		Compound	5	10	20	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluo...	0.572	0.454	0.418	0.302	0.314	0.412	26.90
3)	P	Chloromethane	0.752	0.600	0.532	0.379	0.383	0.529	29.71
4)	C	Vinyl Chloride	0.804	0.669	0.631	0.469	0.493	0.613	22.35#
5)	T	Bromomethane	0.591	0.478	0.407	0.347	0.314	0.427	25.98
6)	T	Chloroethane	0.521	0.442	0.420	0.324	0.338	0.409	19.78
7)	T	Trichlorofluor...	1.127	0.989	0.928	0.756	0.784	0.917	16.65
8)	T	Diethyl Ether	0.418	0.366	0.336	0.288	0.294	0.340	15.77
9)	T	1,1,2-Trichlor...	0.723	0.627	0.596	0.493	0.522	0.592	15.39
10)	T	Methyl Iodide	0.495	0.561	0.611	0.476	0.594	0.547	10.89
11)	T	Tert butyl alc...	0.075	0.073	0.066	0.059	0.059	0.066	11.53
12)	CM	1,1-Dichloroet...	0.700	0.580	0.538	0.439	0.458	0.543	19.32#
13)	T	Acrolein	0.059	0.057	0.048	0.018	0.018	0.040	51.82
14)	T	Allyl chloride	1.126	0.977	0.926	0.756	0.781	0.913	16.57
15)	T	Acrylonitrile	0.206	0.194	0.182	0.162	0.162	0.181	10.54
16)	T	Acetone	0.172	0.150	0.144	0.148	0.142	0.151	7.93
17)	T	Carbon Disulfide	1.939	1.450	1.388	0.947	0.994	1.344	29.93
18)	T	Methyl Acetate	0.810	0.498	0.446	0.341	0.343	0.488	39.49
19)	T	Methyl tert-bu...	2.006	1.813	1.680	1.502	1.514	1.703	12.48
20)	T	Methylene Chlo...	0.899	0.817	0.714	0.586	0.558	0.715	20.48
21)	T	trans-1,2-Dich...	0.776	0.653	0.616	0.492	0.503	0.608	19.22
22)	T	Diisopropyl ether	2.313	2.090	1.963	1.713	1.745	1.965	12.68
23)	T	Vinyl Acetate	1.259	1.342	1.244	1.150	1.157	1.231	6.45
24)	P	1,1-Dichloroet...	1.319	1.164	1.126	0.946	0.978	1.107	13.64
25)	T	2-Butanone	0.282	0.251	0.239	0.221	0.218	0.242	10.80
26)	T	2,2-Dichloropr...	1.178	1.098	1.031	0.895	0.926	1.026	11.47
27)	T	cis-1,2-Dichlo...	0.868	0.780	0.735	0.626	0.639	0.730	13.83
28)	T	Bromochloromet...	0.491	0.453	0.426	0.413	0.403	0.437	8.09
29)	T	Tetrahydrofuran	0.185	0.167	0.153	0.136	0.135	0.155	13.74
30)	C	Chloroform	1.312	1.232	1.152	0.999	1.024	1.144	11.67#
31)	T	Cyclohexane	1.471	1.160	1.047	0.775	0.799	1.050	27.25
32)	T	1,1,1-Trichlor...	1.210	1.098	1.046	0.882	0.916	1.030	13.05
33)	S	1,2-Dichloroet...	0.674	0.661	0.612	0.465	0.439	0.570	19.38
34)	I	1,4-Difluorobenzene	----------ISTD----------						
35)	S	Dibromofluorom...	0.380	0.405	0.375	0.305	0.292	0.351	14.16
36)	T	1,1-Dichloropr...	0.641	0.553	0.531	0.430	0.449	0.521	16.36
37)	T	Ethyl Acetate	0.358	0.352	0.312	0.281	0.286	0.318	11.35
38)	T	Carbon Tetrach...	0.655	0.590	0.562	0.474	0.502	0.557	12.91
39)	T	Methylcyclohexane	0.899	0.727	0.692	0.540	0.565	0.685	21.04
40)	TM	Benzene	1.831	1.625	1.544	1.280	1.330	1.522	14.77
41)	T	Methacrylonitrile	0.241	0.207	0.192	0.160	0.180	0.196	15.67
42)	TM	1,2-Dichloroet...	0.518	0.466	0.439	0.385	0.396	0.441	12.27
43)	T	Isopropyl Acetate	0.690	0.651	0.618	0.548	0.556	0.613	9.94
44)	TM	Trichloroethene	0.498	0.447	0.427	0.358	0.374	0.421	13.43
45)	C	1,2-Dichloropr...	0.448	0.423	0.402	0.343	0.354	0.394	11.37#
46)	T	Dibromomethane	0.277	0.240	0.229	0.202	0.204	0.231	13.23
47)	T	Bromodichlorom...	0.643	0.587	0.557	0.490	0.508	0.557	11.05
48)	T	Methyl methacr...	0.330	0.292	0.263	0.237	0.241	0.273	14.17
49)	T	1,4-Dioxane	0.004	0.003	0.004	0.003	0.003	0.003	9.94
50)	S	Toluene-d8	1.571	1.568	1.426	1.042	0.997	1.321	21.30
51)	T	4-Methyl-2-Pen...	0.371	0.343	0.321	0.288	0.290	0.323	10.99
52)	CM	Toluene	1.180	1.031	0.995	0.824	0.857	0.977	14.63#
53)	T	t-1,3-Dichloro...	0.691	0.638	0.591	0.519	0.532	0.594	12.15
54)	T	cis-1,3-Dichlo...	0.776	0.703	0.666	0.577	0.591	0.663	12.36
55)	T	1,1,2-Trichlor...	0.383	0.361	0.333	0.295	0.303	0.335	11.21
56)	T	Ethyl methacry...	0.557	0.511	0.476	0.425	0.434	0.481	11.38

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57)	T	1,3-Dichloropr...	0.645	0.595	0.560	0.491	0.502	0.559	11.52
58)	T	2-Chloroethyl ...	0.277	0.241	0.221	0.222	0.217	0.236	10.57
59)	T	2-Hexanone	0.266	0.243	0.228	0.210	0.208	0.231	10.52
60)	T	Dibromochlorom...	0.453	0.425	0.397	0.360	0.370	0.401	9.64
61)	T	1,2-Dibromoethane	0.385	0.346	0.321	0.282	0.286	0.324	13.31
62)	S	4-Bromofluorob...	0.599	0.587	0.532	0.410	0.392	0.504	19.33
63)	I	Chlorobenzene-d5	----------ISTD----------						
64)	T	Tetrachloroethene	0.467	0.417	0.400	0.324	0.338	0.389	15.07
65)	PM	Chlorobenzene	1.395	1.286	1.203	1.039	1.066	1.198	12.48
66)	T	1,1,1,2-Tetrac...	0.493	0.483	0.458	0.405	0.416	0.451	8.69
67)	C	Ethyl Benzene	2.519	2.277	2.155	1.828	1.889	2.134	13.30#
68)	T	m/p-Xylenes	0.989	0.888	0.846	0.709	0.729	0.832	13.92
69)	T	o-Xylene	0.935	0.858	0.819	0.694	0.720	0.805	12.31
70)	T	Styrene	1.551	1.428	1.364	1.196	1.228	1.353	10.80
71)	P	Bromoform	0.325	0.306	0.282	0.263	0.269	0.289	8.98
72)	I	1,4-Dichlorobenzen...	----------ISTD----------						
73)	T	Isopropylbenzene	5.048	4.663	4.455	3.852	3.988	4.401	11.14
74)	T	N-amyl acetate	1.470	1.368	1.286	1.172	1.197	1.298	9.51
75)	P	1,1,2,2-Tetrac...	1.073	1.000	0.934	0.862	0.869	0.947	9.46
76)	T	1,2,3-Trichlor...	0.857	0.747	0.684	0.651	0.624	0.713	13.05
77)	T	Bromobenzene	1.133	1.074	1.012	0.890	0.919	1.006	10.17
78)	T	n-propylbenzene	6.156	5.628	5.407	4.612	4.769	5.314	11.93
79)	T	2-Chlorotoluene	3.446	3.186	3.007	2.611	2.701	2.990	11.50
80)	T	1,3,5-Trimethy...	4.175	3.839	3.668	3.156	3.259	3.619	11.59
81)	T	trans-1,4-Dich...	0.386	0.352	0.334	0.311	0.314	0.339	9.07
82)	T	4-Chlorotoluene	3.639	3.222	3.123	2.742	2.805	3.106	11.62
83)	T	tert-Butylbenzene	3.643	3.398	3.309	2.868	2.976	3.239	9.76
84)	T	1,2,4-Trimethy...	4.080	3.772	3.605	3.104	3.178	3.548	11.54
85)	T	sec-Butylbenzene	5.503	5.203	4.945	4.256	4.363	4.854	11.05
86)	T	p-Isopropyltol...	4.485	4.212	4.008	3.454	3.544	3.941	11.13
87)	T	1,3-Dichlorobe...	2.255	2.071	1.980	1.751	1.764	1.964	10.84
88)	T	1,4-Dichlorobe...	2.237	2.092	1.996	1.742	1.776	1.969	10.67
89)	T	n-Butylbenzene	4.289	4.001	3.862	3.331	3.425	3.782	10.60
90)	T	Hexachloroethane	0.864	0.820	0.810	0.706	0.733	0.787	8.30
91)	T	1,2-Dichlorobe...	1.951	1.865	1.800	1.592	1.626	1.767	8.72
92)	T	1,2-Dibromo-3-...	0.197	0.182	0.151	0.141	0.144	0.163	15.26
93)	T	1,2,4-Trichlor...	1.185	1.166	1.133	1.031	1.070	1.117	5.82
94)	T	Hexachlorobuta...	0.650	0.608	0.613	0.537	0.571	0.596	7.26
95)	T	Naphthalene	2.627	2.584	2.491	2.327	2.430	2.492	4.82
96)	T	1,2,3-Trichlor...	1.056	1.006	0.990	0.917	0.956	0.985	5.32

(#) = Out of Range