Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y011322S.M
Title : SW846 8260
Last Update : Fri Jan 14 05:48:29 2022
Response Via : Initial Calibration

Calibration Files
5 =VY007136.D 10 =VY007137.D 20 =VY007138.D 50 =VY007139.D 100 =VY007140.D 150 =VY007141.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.166	0.173	0.140	0.178	0.187	0.208	0.175	12.88
3)	P	Chloromethane	0.460	0.394	0.338	0.339	0.334	0.340	0.368	13.80
4)	C	Vinyl Chloride	0.577	0.540	0.498	0.540	0.536	0.520	0.535	4.91#
5)	T	Bromomethane	0.391	0.377	0.307	0.368	0.348	0.288	0.346	11.86
6)	T	Chloroethane	0.346	0.330	0.316	0.342	0.341	0.328	0.334	3.38
7)	T	Trichlorofluor...	0.546	0.571	0.550	0.580	0.603	0.611	0.577	4.62
8)	T	Diethyl Ether	0.329	0.316	0.292	0.327	0.320	0.320	0.318	4.22
9)	T	1,1,2-Trichlor...	0.602	0.564	0.529	0.568	0.561	0.547	0.562	4.35
10)	T	Methyl Iodide	0.869	0.836	0.793	0.846	0.831	0.811	0.831	3.22
11)	T	Tert butyl alc...	0.081	0.061	0.053	0.051	0.050	0.053	0.058	20.55
12)	CM	1,1-Dichloroet...	0.596	0.580	0.537	0.561	0.569	0.552	0.566	3.68#
13)	T	Acrolein	0.020	0.018	0.015	0.011	0.012	0.012	0.015	23.57
14)	T	Allyl chloride	0.969	0.907	0.865	0.917	0.905	0.881	0.907	3.93
15)	T	Acrylonitrile	0.160	0.143	0.136	0.158	0.157	0.162	0.153	6.92
16)	T	Acetone	0.174	0.144	0.128	0.161	0.168	0.181	0.159	12.55
17)	T	Carbon Disulfide	1.662	1.613	1.504	1.562	1.566	1.521	1.571	3.74
18)	T	Methyl Acetate	0.648	0.591	0.555	0.536	0.525	0.545	0.567	8.04
19)	T	Methyl tert-bu...	1.240	1.138	1.043	1.135	1.076	1.051	1.114	6.64
20)	T	Methylene Chlo...	0.840	0.695	0.620	0.613	0.592	0.590	0.658	14.72
21)	T	trans-1,2-Dich...	0.660	0.629	0.586	0.612	0.600	0.594	0.613	4.44
22)	T	Diisopropyl ether	1.993	1.849	1.763	1.885	1.793	1.744	1.838	5.04
23)	T	Vinyl Acetate	1.084	1.035	0.967	1.146	1.124	1.130	1.081	6.36
24)	P	1,1-Dichloroet...	1.184	1.126	1.066	1.133	1.108	1.092	1.118	3.61
25)	T	2-Butanone	0.215	0.187	0.177	0.210	0.215	0.231	0.206	9.70
26)	T	2,2-Dichloropr...	0.927	0.859	0.787	0.810	0.777	0.730	0.815	8.49
27)	T	cis-1,2-Dichlo...	0.750	0.692	0.659	0.702	0.694	0.679	0.696	4.37
28)	T	Bromochloromet...	0.381	0.364	0.351	0.452	0.433	0.445	0.404	10.94
29)	T	Tetrahydrofuran	0.141	0.127	0.115	0.135	0.134	0.141	0.132	7.46
30)	C	Chloroform	1.227	1.163	1.104	1.182	1.153	1.142	1.162	3.56#
31)	T	Cyclohexane	1.221	1.102	0.997	0.984	0.972	0.947	1.037	10.11
32)	T	1,1,1-Trichlor...	1.060	1.011	0.943	1.006	0.983	0.955	0.993	4.28
33)	S	1,2-Dichloroet...	0.641	0.642	0.608	0.603	0.596	0.591	0.614	3.64
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.342	0.360	0.344	0.339	0.324	0.320	0.338	4.23
36)	T	1,1-Dichloropr...	0.592	0.553	0.504	0.537	0.530	0.524	0.540	5.57
37)	T	Ethyl Acetate	0.296	0.260	0.243	0.288	0.280	0.297	0.277	7.84
38)	T	Carbon Tetrach...	0.617	0.573	0.544	0.569	0.557	0.549	0.568	4.66
39)	T	Methylcyclohexane	0.698	0.676	0.621	0.662	0.654	0.645	0.659	3.97
40)	TM	Benzene	1.518	1.476	1.360	1.463	1.420	1.406	1.440	3.92
41)	T	Methacrylonitrile	0.165	0.155	0.169	0.146	0.171	0.151	0.160	6.43
42)	TM	1,2-Dichloroet...	0.471	0.447	0.436	0.465	0.448	0.455	0.454	2.85
43)	T	Isopropyl Acetate	0.569	0.514	0.472	0.558	0.544	0.578	0.539	7.38
44)	TM	Trichloroethene	0.420	0.386	0.365	0.398	0.388	0.381	0.390	4.65
45)	C	1,2-Dichloropr...	0.390	0.373	0.345	0.370	0.357	0.362	0.366	4.24#
46)	T	Dibromomethane	0.236	0.214	0.195	0.221	0.216	0.218	0.217	5.98
47)	T	Bromodichlorom...	0.554	0.528	0.496	0.548	0.534	0.536	0.532	3.83
48)	T	Methyl methacr...	0.268	0.237	0.208	0.247	0.255	0.257	0.245	8.62
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.002	0.003	0.002	11.30
50)	S	Toluene-d8	1.252	1.313	1.263	1.234	1.185	1.166	1.235	4.35
51)	T	4-Methyl-2-Pen...	0.286	0.260	0.239	0.283	0.277	0.295	0.273	7.49
52)	CM	Toluene	0.967	0.912	0.859	0.943	0.908	0.890	0.913	4.19#
53)	T	t-1,3-Dichloro...	0.574	0.553	0.514	0.589	0.569	0.572	0.562	4.61
54)	T	cis-1,3-Dichlo...	0.659	0.619	0.590	0.654	0.623	0.630	0.629	4.04
55)	T	1,1,2-Trichlor...	0.310	0.287	0.279	0.301	0.288	0.297	0.294	3.86
56)	T	Ethyl methacry...	0.423	0.394	0.372	0.429	0.424	0.442	0.414	6.23

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57)	T	1,3-Dichloropr...	0.545	0.514	0.469	0.525	0.505	0.515	0.512	4.89
58)	T	2-Chloroethyl ...	0.217	0.197	0.165	0.187	0.180	0.183	0.188	9.28
59)	T	2-Hexanone	0.195	0.172	0.160	0.189	0.190	0.208	0.186	9.22
60)	T	Dibromochlorom...	0.376	0.358	0.327	0.373	0.366	0.368	0.361	4.98
61)	T	1,2-Dibromoethane	0.300	0.285	0.263	0.301	0.288	0.295	0.289	4.94
62)	S	4-Bromofluorob...	0.475	0.465	0.448	0.433	0.414	0.402	0.439	6.53
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.379	0.377	0.346	0.355	0.355	0.350	0.360	3.88
65)	PM	Chlorobenzene	1.151	1.102	1.054	1.112	1.089	1.052	1.093	3.42
66)	T	1,1,1,2-Tetrac...	0.410	0.410	0.385	0.420	0.406	0.400	0.405	2.95
67)	C	Ethyl Benzene	2.134	2.096	1.976	2.078	2.056	1.989	2.055	3.01#
68)	T	m/p-Xylenes	0.785	0.788	0.735	0.775	0.760	0.738	0.764	3.02
69)	T	o-Xylene	0.754	0.735	0.689	0.724	0.717	0.695	0.719	3.41
70)	T	Styrene	1.237	1.229	1.154	1.252	1.224	1.183	1.213	3.05
71)	P	Bromoform	0.240	0.228	0.212	0.243	0.240	0.243	0.234	5.20
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.428	4.458	4.134	4.378	4.325	4.188	4.319	3.04
74)	T	N-amyl acetate	1.162	1.083	1.049	1.197	1.211	1.227	1.155	6.30
75)	P	1,1,2,2-Tetrac...	0.874	0.798	0.765	0.859	0.860	0.882	0.840	5.59
76)	T	1,2,3-Trichlor...	0.624	0.545	0.475	0.664	0.561	0.551	0.570	11.59
77)	T	Bromobenzene	0.996	0.931	0.884	0.955	0.940	0.932	0.940	3.86
78)	T	n-propylbenzene	5.566	5.507	5.182	5.386	5.326	5.154	5.353	3.13
79)	T	2-Chlorotoluene	3.067	3.061	2.864	3.031	2.934	2.902	2.977	2.94
80)	T	1,3,5-Trimethy...	3.628	3.696	3.399	3.584	3.526	3.441	3.546	3.19
81)	T	trans-1,4-Dich...	0.312	0.297	0.275	0.329	0.326	0.330	0.311	6.94
82)	T	4-Chlorotoluene	3.233	3.250	2.959	3.170	3.060	2.958	3.105	4.23
83)	T	tert-Butylbenzene	3.242	3.141	2.939	3.120	3.009	2.932	3.064	4.05
84)	T	1,2,4-Trimethy...	3.660	3.567	3.413	3.569	3.462	3.418	3.515	2.83
85)	T	sec-Butylbenzene	4.794	4.717	4.411	4.636	4.521	4.423	4.584	3.44
86)	T	p-Isopropyltol...	3.906	3.854	3.639	3.831	3.722	3.648	3.767	2.99
87)	T	1,3-Dichlorobe...	1.925	1.885	1.770	1.854	1.816	1.786	1.839	3.26
88)	T	1,4-Dichlorobe...	2.031	1.905	1.737	1.851	1.798	1.774	1.849	5.78
89)	T	n-Butylbenzene	3.919	3.760	3.582	3.762	3.649	3.582	3.709	3.52
90)	T	Hexachloroethane	0.745	0.754	0.700	0.758	0.736	0.725	0.736	2.93
91)	T	1,2-Dichlorobe...	1.745	1.686	1.550	1.648	1.591	1.599	1.637	4.36
92)	T	1,2-Dibromo-3-...	0.158	0.141	0.125	0.144	0.143	0.159	0.145	8.80
93)	T	1,2,4-Trichlor...	1.119	0.979	0.879	0.999	0.991	1.004	0.995	7.69
94)	T	Hexachlorobuta...	0.601	0.517	0.480	0.504	0.490	0.485	0.513	8.82
95)	T	Naphthalene	2.314	1.961	1.808	2.121	2.157	2.321	2.114	9.51
96)	T	1,2,3-Trichlor...	0.947	0.831	0.734	0.845	0.845	0.892	0.849	8.34

(#) = Out of Range