Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y070921S.M
Title : SW846 8260
Last Update : Sat Jul 10 08:11:17 2021
Response Via : Initial Calibration

Calibration Files
5 =VY005391.D 10 =VY005392.D 20 =VY005393.D 50 =VY005394.D 100 =VY005395.D 150 =VY005396.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.464	0.478	0.475	0.423	0.425	0.407	0.445	6.83
3)	P	Chloromethane	0.497	0.478	0.464	0.431	0.425	0.425	0.453	6.82
4)	C	Vinyl Chloride	0.591	0.602	0.573	0.552	0.533	0.512	0.561	6.15#
5)	T	Bromomethane	0.492	0.448	0.419	0.386	0.383	0.375	0.417	10.99
6)	T	Chloroethane	0.367	0.369	0.364	0.343	0.339	0.328	0.352	4.87
7)	T	Trichlorofluor...	0.866	0.867	0.862	0.796	0.796	0.766	0.825	5.44
8)	T	Diethyl Ether	0.287	0.299	0.297	0.286	0.283	0.265	0.286	4.25
9)	T	1,1,2-Trichlor...	0.475	0.487	0.488	0.438	0.455	0.442	0.464	4.80
10)	T	Methyl Iodide	0.468	0.542	0.601	0.592	0.609	0.578	0.565	9.40
11)	T	Tert butyl alc...	0.092	0.085	0.073	0.057	0.052	0.043	0.067	28.77
12)	CM	1,1-Dichloroet...	0.480	0.492	0.495	0.468	0.470	0.456	0.477	3.14#
13)	T	Acrolein	0.041	0.040	0.033	0.032	0.031	0.033	0.035	12.22
14)	T	Allyl chloride	0.658	0.680	0.684	0.656	0.659	0.642	0.663	2.39
15)	T	Acrylonitrile	0.129	0.132	0.136	0.133	0.131	0.120	0.130	4.34
16)	T	Acetone	0.116	0.104	0.100	0.101	0.096	0.084	0.100	10.57
17)	T	Carbon Disulfide	1.484	1.552	1.552	1.453	1.463	1.424	1.488	3.57
18)	T	Methyl Acetate	0.293	0.286	0.284	0.279	0.275	0.251	0.278	5.18
19)	T	Methyl tert-bu...	1.244	1.286	1.326	1.316	1.318	1.249	1.290	2.80
20)	T	Methylene Chlo...	1.110	0.774	0.671	0.578	0.532	0.503	0.695	32.60
21)	T	trans-1,2-Dich...	0.526	0.552	0.558	0.523	0.522	0.507	0.531	3.66
22)	T	Diisopropyl ether	1.264	1.383	1.387	1.314	1.306	1.271	1.321	4.03
23)	T	Vinyl Acetate	0.832	0.888	0.915	0.895	0.882	0.833	0.874	3.90
24)	P	1,1-Dichloroet...	0.830	0.855	0.860	0.823	0.829	0.807	0.834	2.38
25)	T	2-Butanone	0.164	0.158	0.161	0.164	0.158	0.143	0.158	4.97
26)	T	2,2-Dichloropr...	0.832	0.809	0.786	0.749	0.745	0.722	0.774	5.45
27)	T	cis-1,2-Dichlo...	0.586	0.606	0.596	0.582	0.589	0.572	0.588	2.00
28)	T	Bromochloromet...	0.337	0.319	0.303	0.320	0.310	0.289	0.313	5.19
29)	T	Tetrahydrofuran	0.101	0.106	0.110	0.108	0.108	0.096	0.105	5.03
30)	C	Chloroform	0.896	0.935	0.931	0.879	0.877	0.842	0.894	3.96#
31)	T	Cyclohexane	0.910	0.883	0.850	0.772	0.792	0.775	0.830	7.12
32)	T	1,1,1-Trichlor...	0.819	0.850	0.862	0.821	0.819	0.793	0.827	2.96
33)	S	1,2-Dichloroet...	0.501	0.485	0.497	0.462	0.442	0.425	0.468	6.64
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.288	0.294	0.317	0.295	0.285	0.281	0.293	4.36
36)	T	1,1-Dichloropr...	0.480	0.506	0.502	0.482	0.482	0.477	0.488	2.57
37)	T	Ethyl Acetate	0.250	0.259	0.255	0.248	0.239	0.222	0.245	5.35
38)	T	Carbon Tetrach...	0.546	0.567	0.568	0.536	0.536	0.522	0.546	3.37
39)	T	Methylcyclohexane	0.607	0.652	0.672	0.627	0.656	0.640	0.642	3.60
40)	TM	Benzene	1.401	1.468	1.485	1.419	1.424	1.387	1.431	2.68
41)	T	Methacrylonitrile	0.127	0.142	0.147	0.148	0.144	0.132	0.140	6.19
42)	TM	1,2-Dichloroet...	0.409	0.431	0.429	0.415	0.408	0.387	0.413	3.89
43)	T	Isopropyl Acetate	0.433	0.444	0.454	0.467	0.466	0.437	0.450	3.21
44)	TM	Trichloroethene	0.416	0.442	0.441	0.413	0.414	0.399	0.421	4.03
45)	C	1,2-Dichloropr...	0.327	0.349	0.345	0.330	0.330	0.324	0.334	3.08#
46)	T	Dibromomethane	0.188	0.204	0.202	0.199	0.197	0.185	0.196	3.86
47)	T	Bromodichlorom...	0.467	0.489	0.486	0.475	0.475	0.454	0.474	2.69
48)	T	Methyl methacr...	0.199	0.197	0.216	0.216	0.217	0.204	0.208	4.44
49)	T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	7.16
50)	S	Toluene-d8	1.307	1.272	1.350	1.223	1.186	1.157	1.249	5.90
51)	T	4-Methyl-2-Pen...	0.237	0.246	0.260	0.260	0.256	0.234	0.249	4.64
52)	CM	Toluene	0.909	0.959	0.989	0.936	0.944	0.913	0.942	3.16#
53)	T	t-1,3-Dichloro...	0.515	0.538	0.541	0.535	0.539	0.509	0.530	2.61
54)	T	cis-1,3-Dichlo...	0.575	0.592	0.600	0.590	0.587	0.559	0.584	2.47
55)	T	1,1,2-Trichlor...	0.284	0.295	0.300	0.297	0.292	0.275	0.291	3.19
56)	T	Ethyl methacry...	0.364	0.389	0.414	0.423	0.431	0.402	0.404	6.10

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57)	T	1,3-Dichloropr...	0.476	0.495	0.505	0.502	0.497	0.468	0.491	3.09
58)	T	2-Chloroethyl ...	0.183	0.182	0.188	0.168	0.160	0.155	0.173	7.82
59)	T	2-Hexanone	0.162	0.169	0.180	0.185	0.182	0.164	0.174	5.66
60)	T	Dibromochlorom...	0.342	0.362	0.379	0.376	0.375	0.346	0.363	4.44
61)	T	1,2-Dibromoethane	0.270	0.278	0.293	0.286	0.287	0.264	0.280	4.03
62)	S	4-Bromofluorob...	0.442	0.426	0.449	0.420	0.403	0.386	0.421	5.63
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.480	0.500	0.471	0.430	0.424	0.408	0.452	8.08
65)	PM	Chlorobenzene	1.091	1.147	1.143	1.113	1.114	1.069	1.113	2.69
66)	T	1,1,1,2-Tetrac...	0.402	0.419	0.428	0.414	0.415	0.405	0.414	2.30
67)	C	Ethyl Benzene	1.873	1.989	1.998	1.935	1.974	1.931	1.950	2.39#
68)	T	m/p-Xylenes	0.743	0.784	0.809	0.780	0.794	0.769	0.780	2.89
69)	T	o-Xylene	0.707	0.741	0.765	0.745	0.759	0.735	0.742	2.75
70)	T	Styrene	1.161	1.245	1.300	1.284	1.305	1.251	1.258	4.26
71)	P	Bromoform	0.266	0.269	0.282	0.284	0.280	0.259	0.274	3.69
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.420	3.736	3.751	3.553	3.696	3.676	3.639	3.52
74)	T	N-amyl acetate	0.796	0.838	0.858	0.884	0.908	0.890	0.862	4.70
75)	P	1,1,2,2-Tetrac...	0.651	0.669	0.694	0.678	0.687	0.673	0.675	2.21
76)	T	1,2,3-Trichlor...	0.470	0.508	0.497	0.471	0.485	0.470	0.484	3.36
77)	T	Bromobenzene	0.884	0.925	0.935	0.912	0.935	0.917	0.918	2.07
78)	T	n-propylbenzene	4.066	4.402	4.411	4.170	4.339	4.308	4.283	3.21
79)	T	2-Chlorotoluene	2.302	2.473	2.465	2.365	2.419	2.415	2.407	2.68
80)	T	1,3,5-Trimethy...	2.884	3.097	3.151	2.978	3.079	3.023	3.035	3.14
81)	T	trans-1,4-Dich...	0.253	0.263	0.263	0.260	0.266	0.255	0.260	2.05
82)	T	4-Chlorotoluene	2.450	2.562	2.545	2.446	2.517	2.489	2.501	1.93
83)	T	tert-Butylbenzene	2.507	2.809	2.862	2.607	2.737	2.670	2.699	4.87
84)	T	1,2,4-Trimethy...	2.848	3.100	3.117	2.998	3.094	3.041	3.033	3.32
85)	T	sec-Butylbenzene	3.767	4.076	4.090	3.818	3.994	3.913	3.943	3.39
86)	T	p-Isopropyltol...	3.195	3.465	3.553	3.372	3.533	3.425	3.424	3.82
87)	T	1,3-Dichlorobe...	1.772	1.854	1.858	1.796	1.835	1.806	1.820	1.88
88)	T	1,4-Dichlorobe...	1.789	1.858	1.857	1.764	1.793	1.733	1.799	2.78
89)	T	n-Butylbenzene	2.886	3.072	3.127	2.963	3.126	3.033	3.035	3.15
90)	T	Hexachloroethane	0.602	0.636	0.622	0.589	0.617	0.612	0.613	2.65
91)	T	1,2-Dichlorobe...	1.555	1.665	1.660	1.597	1.616	1.560	1.609	2.94
92)	T	1,2-Dibromo-3-...	0.131	0.133	0.129	0.124	0.127	0.122	0.128	3.41
93)	T	1,2,4-Trichlor...	1.071	1.065	1.136	1.087	1.158	1.105	1.104	3.38
94)	T	Hexachlorobuta...	0.668	0.687	0.720	0.674	0.708	0.679	0.689	2.96
95)	T	Naphthalene	2.012	2.026	2.207	2.231	2.347	2.239	2.177	6.04
96)	T	1,2,3-Trichlor...	0.955	0.928	0.997	0.966	1.022	0.982	0.975	3.35

(#) = Out of Range