Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y032921S.M
Title : SW846 8260
Last Update : Tue Mar 30 06:38:14 2021
Response Via : Initial Calibration

Calibration Files
5 =VY004214.D 10 =VY004215.D 20 =VY004216.D 50 =VY004217.D 100 =VY004218.D 150 =VY004219.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.486	0.428	0.414	0.430	0.420	0.419	0.433	6.21
3)	P	Chloromethane	0.687	0.564	0.537	0.586	0.561	0.572	0.584	9.06
4)	C	Vinyl Chloride	0.727	0.653	0.647	0.642	0.615	0.625	0.651	6.08#
5)	T	Bromomethane	0.401	0.348	0.333	0.346	0.357	0.366	0.358	6.61
6)	T	Chloroethane	0.472	0.404	0.399	0.413	0.412	0.434	0.422	6.39
7)	T	Trichlorofluor...	0.947	0.843	0.823	0.841	0.827	0.799	0.847	6.13
8)	T	Diethyl Ether	0.314	0.263	0.239	0.271	0.270	0.274	0.272	8.88
9)	T	1,1,2-Trichlor...	0.508	0.453	0.446	0.451	0.448	0.459	0.461	5.06
10)	T	Methyl Iodide	0.591	0.489	0.484	0.535	0.540	0.557	0.533	7.61
11)	T	Tert butyl alc...	0.043	0.038	0.033	0.041	0.041	0.040	0.039	8.92
12)	CM	1,1-Dichloroet...	0.533	0.423	0.427	0.451	0.437	0.441	0.452	9.06#
13)	T	Acrolein	0.047	0.045	0.041	0.031	0.030	0.030	0.037	21.63
14)	T	Allyl chloride	0.795	0.682	0.680	0.723	0.711	0.732	0.721	5.83
15)	T	Acrylonitrile	0.135	0.127	0.112	0.134	0.131	0.136	0.129	6.88
16)	T	Acetone	0.116	0.100	0.089	0.098	0.097	0.101	0.100	8.98
17)	T	Carbon Disulfide	1.347	1.070	1.061	1.229	1.206	1.221	1.189	9.10
18)	T	Methyl Acetate	0.371	0.299	0.269	0.329	0.324	0.331	0.321	10.69
19)	T	Methyl tert-bu...	1.448	1.295	1.212	1.354	1.335	1.372	1.336	5.92
20)	T	Methylene Chlo...	0.770	0.599	0.514	0.493	0.473	0.477	0.554	20.85
21)	T	trans-1,2-Dich...	0.564	0.492	0.475	0.516	0.494	0.505	0.508	6.03
22)	T	Diisopropyl ether	1.679	1.508	1.509	1.566	1.583	1.650	1.583	4.47
23)	T	Vinyl Acetate	1.087	1.011	0.957	1.086	1.098	1.148	1.065	6.43
24)	P	1,1-Dichloroet...	0.945	0.811	0.820	0.864	0.855	0.878	0.862	5.55
25)	T	2-Butanone	0.174	0.160	0.144	0.176	0.173	0.176	0.167	7.83
26)	T	2,2-Dichloropr...	0.884	0.793	0.766	0.802	0.797	0.800	0.807	4.98
27)	T	cis-1,2-Dichlo...	0.640	0.550	0.555	0.574	0.561	0.570	0.575	5.75
28)	T	Bromochloromet...	0.373	0.387	0.374	0.327	0.315	0.326	0.351	8.81
29)	T	Tetrahydrofuran	0.128	0.112	0.101	0.122	0.120	0.125	0.118	8.58
30)	C	Chloroform	1.015	0.888	0.887	0.912	0.895	0.908	0.917	5.33#
31)	T	Cyclohexane	1.076	0.853	0.776	0.804	0.787	0.802	0.849	13.42
32)	T	1,1,1-Trichlor...	0.939	0.795	0.796	0.837	0.827	0.841	0.839	6.30
33)	S	1,2-Dichloroet...	0.519	0.504	0.480	0.470	0.445	0.466	0.481	5.56
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.302	0.286	0.282	0.273	0.263	0.266	0.279	5.20
36)	T	1,1-Dichloropr...	0.516	0.437	0.422	0.458	0.455	0.450	0.456	6.97
37)	T	Ethyl Acetate	0.296	0.252	0.229	0.271	0.273	0.285	0.268	8.93
38)	T	Carbon Tetrach...	0.365	0.356	0.370	0.415	0.436	0.440	0.397	9.50
39)	T	Methylcyclohexane	0.629	0.529	0.517	0.571	0.574	0.571	0.565	7.04
40)	TM	Benzene	1.448	1.238	1.200	1.297	1.288	1.291	1.294	6.55
41)	T	Methacrylonitrile	0.170	0.150	0.140	0.145	0.143	0.142	0.148	7.54
42)	TM	1,2-Dichloroet...	0.437	0.392	0.380	0.413	0.410	0.409	0.407	4.80
43)	T	Isopropyl Acetate	0.523	0.492	0.440	0.526	0.526	0.534	0.507	7.10
44)	TM	Trichloroethene	0.488	0.411	0.390	0.408	0.390	0.385	0.412	9.40
45)	C	1,2-Dichloropr...	0.343	0.318	0.298	0.322	0.318	0.321	0.320	4.48#
46)	T	Dibromomethane	0.204	0.182	0.169	0.192	0.190	0.191	0.188	6.32
47)	T	Bromodichlorom...	0.478	0.427	0.417	0.459	0.453	0.457	0.449	4.96
48)	T	Methyl methacr...	0.239	0.214	0.193	0.243	0.243	0.249	0.230	9.62
49)	T	1,4-Dioxane	0.007	0.003	0.002	0.002	0.002	0.003	0.003	55.72
50)	S	Toluene-d8	1.152	1.097	1.086	1.008	0.963	0.981	1.048	7.14
51)	T	4-Methyl-2-Pen...	0.264	0.243	0.221	0.271	0.274	0.277	0.258	8.54
52)	CM	Toluene	0.912	0.791	0.770	0.842	0.833	0.844	0.832	5.93#
53)	T	t-1,3-Dichloro...	0.504	0.458	0.439	0.491	0.488	0.491	0.478	5.16
54)	T	cis-1,3-Dichlo...	0.573	0.506	0.497	0.547	0.541	0.542	0.534	5.26
55)	T	1,1,2-Trichlor...	0.277	0.250	0.240	0.261	0.257	0.260	0.258	4.75
56)	T	Ethyl methacry...	0.353	0.333	0.311	0.369	0.375	0.380	0.353	7.61

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57)	T	1,3-Dichloropr...	0.473	0.432	0.414	0.452	0.448	0.447	0.444	4.51
58)	T	2-Chloroethyl ...	0.182	0.163	0.157	0.136	0.131	0.138	0.151	13.06
59)	T	2-Hexanone	0.184	0.170	0.149	0.187	0.187	0.189	0.178	8.91
60)	T	Dibromochlorom...	0.309	0.293	0.287	0.319	0.320	0.324	0.309	5.00
61)	T	1,2-Dibromoethane	0.279	0.241	0.232	0.259	0.256	0.257	0.254	6.36
62)	S	4-Bromofluorob...	0.394	0.371	0.363	0.350	0.332	0.345	0.359	6.05
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.588	0.500	0.487	0.480	0.453	0.444	0.492	10.48
65)	PM	Chlorobenzene	1.091	0.982	0.942	0.994	0.986	0.987	0.997	4.98
66)	T	1,1,1,2-Tetrac...	0.376	0.342	0.338	0.358	0.363	0.367	0.357	4.07
67)	C	Ethyl Benzene	1.952	1.735	1.710	1.810	1.823	1.835	1.811	4.72#
68)	T	m/p-Xylenes	0.752	0.666	0.656	0.695	0.698	0.705	0.695	4.89
69)	T	o-Xylene	0.703	0.623	0.623	0.648	0.649	0.657	0.651	4.53
70)	T	Styrene	1.130	1.017	1.021	1.088	1.104	1.134	1.082	4.80
71)	P	Bromoform	0.204	0.187	0.181	0.211	0.216	0.222	0.203	7.97
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.939	3.559	3.509	3.667	3.600	3.644	3.653	4.14
74)	T	N-amyl acetate	1.092	1.001	0.931	1.112	1.121	1.149	1.068	7.86
75)	P	1,1,2,2-Tetrac...	0.741	0.650	0.601	0.695	0.680	0.690	0.676	6.93
76)	T	1,2,3-Trichlor...	0.480	0.418	0.395	0.472	0.481	0.479	0.454	8.32
77)	T	Bromobenzene	0.927	0.848	0.824	0.862	0.832	0.837	0.855	4.41
78)	T	n-propylbenzene	4.536	4.088	4.086	4.251	4.193	4.204	4.226	3.92
79)	T	2-Chlorotoluene	2.474	2.272	2.231	2.347	2.284	2.323	2.322	3.67
80)	T	1,3,5-Trimethy...	3.178	2.865	2.892	3.012	2.949	2.984	2.980	3.74
81)	T	trans-1,4-Dich...	0.250	0.232	0.219	0.250	0.261	0.266	0.246	7.18
82)	T	4-Chlorotoluene	2.682	2.360	2.318	2.439	2.415	2.450	2.444	5.19
83)	T	tert-Butylbenzene	2.687	2.532	2.506	2.556	2.573	2.595	2.575	2.46
84)	T	1,2,4-Trimethy...	3.247	2.892	2.836	3.003	2.957	2.999	2.989	4.75
85)	T	sec-Butylbenzene	3.787	3.470	3.461	3.556	3.481	3.512	3.545	3.49
86)	T	p-Isopropyltol...	3.502	3.168	3.190	3.329	3.267	3.329	3.298	3.66
87)	T	1,3-Dichlorobe...	1.770	1.541	1.508	1.602	1.564	1.588	1.596	5.76
88)	T	1,4-Dichlorobe...	1.695	1.537	1.536	1.593	1.541	1.555	1.576	3.93
89)	T	n-Butylbenzene	3.184	2.950	2.916	3.084	3.024	3.037	3.032	3.17
90)	T	Hexachloroethane	0.127	0.162	0.189	0.252	0.313	0.332	0.229	36.36
91)	T	1,2-Dichlorobe...	1.597	1.376	1.363	1.447	1.397	1.414	1.432	5.99
92)	T	1,2-Dibromo-3-...	0.148	0.125	0.111	0.122	0.124	0.127	0.126	9.51
93)	T	1,2,4-Trichlor...	1.111	0.996	0.946	1.029	1.005	1.018	1.018	5.30
94)	T	Hexachlorobuta...	0.574	0.529	0.515	0.551	0.538	0.540	0.541	3.73
95)	T	Naphthalene	2.249	2.084	1.936	2.214	2.203	2.271	2.159	5.89
96)	T	1,2,3-Trichlor...	1.043	0.925	0.867	0.914	0.906	0.925	0.930	6.38

(#) = Out of Range