Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y083121S.M
Title : SW846 8260
Last Update : Wed Sep 01 05:32:43 2021
Response Via : Initial Calibration

Calibration Files
5 =VY005900.D 10 =VY005901.D 20 =VY005902.D 50 =VY005903.D 100 =VY005904.D 150 =VY005905.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.454	0.479	0.458	0.445	0.432	0.411	0.446	5.27
3)	P	Chloromethane	0.487	0.489	0.461	0.442	0.478	0.480	0.473	3.84
4)	C	Vinyl Chloride	0.644	0.649	0.592	0.571	0.629	0.603	0.615	5.06#
5)	T	Bromomethane	0.481	0.444	0.423	0.382	0.370	0.389	0.415	10.24
6)	T	Chloroethane	0.402	0.383	0.373	0.361	0.347	0.339	0.368	6.31
7)	T	Trichlorofluor...	0.860	0.831	0.806	0.765	0.735	0.714	0.785	7.23
8)	T	Diethyl Ether	0.282	0.270	0.272	0.262	0.260	0.257	0.267	3.56
9)	T	1,1,2-Trichlor...	0.459	0.443	0.422	0.416	0.405	0.390	0.423	5.93
10)	T	Methyl Iodide	0.520	0.528	0.518	0.540	0.546	0.536	0.531	2.13
11)	T	Tert butyl alc...	0.131	0.067	0.184	0.077	0.072	0.063	0.099	48.86
12)	CM	1,1-Dichloroet...	0.461	0.441	0.437	0.421	0.412	0.404	0.429	4.89#
13)	T	Acrolein	0.028	0.024	0.027	0.015	0.014	0.015	0.021	31.91
14)	T	Allyl chloride	0.752	0.737	0.722	0.720	0.705	0.695	0.722	2.85
15)	T	Acrylonitrile	0.146	0.131	0.139	0.136	0.130	0.128	0.135	4.99
16)	T	Acetone	0.146	0.123	0.134	0.135	0.124	0.109	0.128	9.84
17)	T	Carbon Disulfide	1.469	1.462	1.386	1.361	1.293	1.254	1.371	6.36
18)	T	Methyl Acetate	0.446	0.338	0.355	0.345	0.329	0.327	0.357	12.66
19)	T	Methyl tert-bu...	1.340	1.263	1.298	1.300	1.268	1.262	1.289	2.37
20)	T	Methylene Chlo...	0.764	0.614	0.598	0.513	0.471	0.451	0.569	20.43
21)	T	trans-1,2-Dich...	0.519	0.485	0.478	0.474	0.464	0.454	0.479	4.67
22)	T	Diisopropyl ether	1.498	1.494	1.490	1.483	1.423	1.413	1.467	2.60
23)	T	Vinyl Acetate	0.859	0.878	0.925	0.919	0.883	0.877	0.890	2.91
24)	P	1,1-Dichloroet...	0.887	0.861	0.843	0.829	0.806	0.794	0.837	4.11
25)	T	2-Butanone	0.193	0.169	0.192	0.186	0.179	0.170	0.182	5.89
26)	T	2,2-Dichloropr...	0.855	0.805	0.792	0.776	0.747	0.721	0.783	5.96
27)	T	cis-1,2-Dichlo...	0.557	0.550	0.535	0.542	0.524	0.521	0.538	2.62
28)	T	Bromochloromet...	0.342	0.329	0.335	0.369	0.345	0.350	0.345	4.04
29)	T	Tetrahydrofuran	0.123	0.114	0.124	0.119	0.115	0.112	0.118	4.18
30)	C	Chloroform	0.938	0.875	0.855	0.851	0.825	0.807	0.858	5.32#
31)	T	Cyclohexane	0.999	0.899	0.844	0.811	0.784	0.762	0.850	10.28
32)	T	1,1,1-Trichlor...	0.859	0.824	0.794	0.796	0.770	0.753	0.799	4.72
33)	S	1,2-Dichloroet...	0.548	0.482	0.486	0.508	0.498	0.500	0.504	4.69
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.289	0.281	0.268	0.285	0.280	0.282	0.281	2.46
36)	T	1,1-Dichloropr...	0.493	0.492	0.461	0.475	0.458	0.445	0.471	4.14
37)	T	Ethyl Acetate	0.302	0.292	0.295	0.283	0.263	0.256	0.282	6.51
38)	T	Carbon Tetrach...	0.525	0.532	0.502	0.517	0.502	0.484	0.510	3.51
39)	T	Methylcyclohexane	0.605	0.604	0.593	0.605	0.594	0.577	0.596	1.88
40)	TM	Benzene	1.362	1.367	1.316	1.348	1.307	1.279	1.330	2.61
41)	T	Methacrylonitrile	0.160	0.160	0.143	0.162	0.161	0.156	0.157	4.56
42)	TM	1,2-Dichloroet...	0.462	0.449	0.428	0.433	0.416	0.405	0.432	4.86
43)	T	Isopropyl Acetate	0.514	0.499	0.525	0.526	0.509	0.499	0.512	2.31
44)	TM	Trichloroethene	0.391	0.381	0.373	0.378	0.364	0.352	0.373	3.62
45)	C	1,2-Dichloropr...	0.336	0.337	0.323	0.328	0.319	0.315	0.326	2.70#
46)	T	Dibromomethane	0.203	0.192	0.183	0.189	0.181	0.177	0.188	4.88
47)	T	Bromodichlorom...	0.461	0.473	0.457	0.462	0.447	0.438	0.456	2.70
48)	T	Methyl methacr...	0.234	0.230	0.239	0.242	0.236	0.232	0.235	1.96
49)	T	1,4-Dioxane	0.003	0.002	0.003	0.003	0.002	0.002	0.003	6.19
50)	S	Toluene-d8	1.203	1.159	1.106	1.215	1.188	1.200	1.178	3.43
51)	T	4-Methyl-2-Pen...	0.281	0.270	0.285	0.285	0.272	0.263	0.276	3.29
52)	CM	Toluene	0.871	0.880	0.838	0.879	0.847	0.828	0.857	2.59#
53)	T	t-1,3-Dichloro...	0.507	0.505	0.500	0.521	0.509	0.494	0.506	1.81
54)	T	cis-1,3-Dichlo...	0.565	0.568	0.547	0.567	0.548	0.537	0.555	2.30
55)	T	1,1,2-Trichlor...	0.285	0.274	0.271	0.272	0.260	0.253	0.269	4.13
56)	T	Ethyl methacry...	0.372	0.373	0.389	0.411	0.399	0.392	0.389	3.96

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57)	T	1,3-Dichloropr...	0.472	0.471	0.470	0.478	0.459	0.448	0.466	2.29
58)	T	2-Chloroethyl ...	0.190	0.196	0.207	0.203	0.205	0.205	0.201	3.31
59)	T	2-Hexanone	0.190	0.185	0.200	0.205	0.194	0.183	0.193	4.36
60)	T	Dibromochlorom...	0.338	0.331	0.324	0.338	0.330	0.320	0.330	2.23
61)	T	1,2-Dibromoethane	0.271	0.254	0.254	0.261	0.252	0.245	0.256	3.58
62)	S	4-Bromofluorob...	0.417	0.381	0.380	0.405	0.397	0.395	0.396	3.58
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.453	0.429	0.408	0.409	0.387	0.371	0.409	7.17
65)	PM	Chlorobenzene	1.025	1.030	0.991	1.011	0.988	0.975	1.003	2.21
66)	T	1,1,1,2-Tetrac...	0.382	0.384	0.368	0.380	0.369	0.370	0.376	1.89
67)	C	Ethyl Benzene	1.802	1.799	1.755	1.826	1.802	1.777	1.793	1.37#
68)	T	m/p-Xylenes	0.709	0.710	0.689	0.724	0.709	0.702	0.707	1.66
69)	T	o-Xylene	0.660	0.660	0.648	0.680	0.673	0.663	0.664	1.68
70)	T	Styrene	1.102	1.137	1.108	1.161	1.155	1.132	1.133	2.11
71)	P	Bromoform	0.256	0.246	0.244	0.257	0.244	0.239	0.248	2.92
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.336	3.418	3.223	3.349	3.378	3.292	3.333	2.05
74)	T	N-amyl acetate	0.941	0.928	0.962	0.990	0.976	0.940	0.956	2.51
75)	P	1,1,2,2-Tetrac...	0.651	0.634	0.638	0.641	0.625	0.617	0.634	1.91
76)	T	1,2,3-Trichlor...	0.560	0.435	0.519	0.448	0.435	0.411	0.468	12.37
77)	T	Bromobenzene	0.874	0.851	0.821	0.835	0.834	0.821	0.839	2.39
78)	T	n-propylbenzene	4.019	4.037	3.909	4.027	4.022	3.883	3.983	1.71
79)	T	2-Chlorotoluene	2.235	2.246	2.181	2.236	2.223	2.182	2.217	1.28
80)	T	1,3,5-Trimethy...	2.811	2.832	2.763	2.822	2.809	2.716	2.792	1.58
81)	T	trans-1,4-Dich...	0.262	0.232	0.240	0.255	0.246	0.241	0.246	4.52
82)	T	4-Chlorotoluene	2.350	2.438	2.306	2.303	2.291	2.270	2.326	2.60
83)	T	tert-Butylbenzene	2.430	2.455	2.408	2.484	2.464	2.402	2.441	1.33
84)	T	1,2,4-Trimethy...	2.735	2.807	2.716	2.815	2.799	2.746	2.770	1.52
85)	T	sec-Butylbenzene	3.637	3.658	3.545	3.671	3.598	3.473	3.597	2.12
86)	T	p-Isopropyltol...	3.074	3.150	3.056	3.176	3.171	3.075	3.117	1.75
87)	T	1,3-Dichlorobe...	1.653	1.655	1.582	1.655	1.643	1.611	1.633	1.84
88)	T	1,4-Dichlorobe...	1.742	1.685	1.603	1.626	1.593	1.539	1.631	4.43
89)	T	n-Butylbenzene	2.791	2.807	2.746	2.871	2.816	2.702	2.789	2.10
90)	T	Hexachloroethane	0.594	0.584	0.552	0.562	0.558	0.544	0.566	3.37
91)	T	1,2-Dichlorobe...	1.524	1.466	1.434	1.453	1.427	1.385	1.448	3.21
92)	T	1,2-Dibromo-3-...	0.113	0.121	0.124	0.123	0.117	0.115	0.119	3.85
93)	T	1,2,4-Trichlor...	0.981	0.959	0.973	0.990	0.990	0.973	0.978	1.22
94)	T	Hexachlorobuta...	0.662	0.650	0.618	0.642	0.613	0.593	0.630	4.13
95)	T	Naphthalene	1.808	1.769	1.871	1.944	1.946	1.932	1.878	4.03
96)	T	1,2,3-Trichlor...	0.843	0.839	0.843	0.880	0.862	0.855	0.853	1.81

(#) = Out of Range