Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y050124S.M
Title : SW846 8260
Last Update : Wed May 01 16:21:20 2024
Response Via : Initial Calibration

Calibration Files
5 =VY018088.D 10 =VY018089.D 20 =VY018090.D 50 =VY018091.D 100 =VY018092.D 150 =VY018093.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.449	0.428	0.389	0.410	0.355	0.364	0.399	9.23
3)	P	Chloromethane	0.558	0.538	0.518	0.552	0.472	0.491	0.521	6.59
4)	C	Vinyl Chloride	0.578	0.581	0.547	0.615	0.531	0.533	0.564	5.81#
5)	T	Bromomethane	0.412	0.391	0.322	0.375	0.241		0.348	19.64
6)	T	Chloroethane	0.358	0.366	0.331	0.393	0.327	0.333	0.351	7.33
7)	T	Trichlorofluor...	0.759	0.762	0.723	0.815	0.709	0.739	0.751	5.01
8)	T	Diethyl Ether	0.252	0.246	0.211	0.267	0.234	0.237	0.241	7.79
9)	T	1,1,2-Trichlor...	0.503	0.473	0.438	0.501	0.440	0.457	0.469	6.18
10)	T	Methyl Iodide	0.561	0.605	0.593	0.713	0.624	0.632	0.621	8.31
11)	T	Tert butyl alc...	0.038	0.037	0.026	0.034	0.030	0.029	0.032	14.94
12)	CM	1,1-Dichloroet...	0.489	0.499	0.448	0.518	0.451	0.464	0.478	5.94#
13)	T	Acrolein	0.051	0.054	0.040	0.048	0.048	0.046	0.048	10.12
14)	T	Allyl chloride	0.650	0.629	0.580	0.688	0.608	0.638	0.632	5.84
15)	T	Acrylonitrile	0.094	0.092	0.075	0.102	0.089	0.091	0.091	9.77
16)	T	Acetone	0.072	0.075	0.052	0.091	0.081	0.079	0.075	17.39
17)	T	Carbon Disulfide	1.466	1.450	1.357	1.559	1.352	1.380	1.427	5.63
18)	T	Methyl Acetate	0.215	0.211	0.148	0.206	0.183	0.190	0.192	12.91
19)	T	Methyl tert-bu...	1.099	1.126	0.958	1.224	1.073	1.102	1.097	7.82
20)	T	Methylene Chlo...	0.650	0.570	0.475	0.535	0.460	0.468	0.526	14.18
21)	T	trans-1,2-Dich...	0.481	0.524	0.481	0.560	0.497	0.506	0.508	5.89
22)	T	Diisopropyl ether	1.267	1.270	1.152	1.404	1.299	1.418	1.302	7.57
23)	T	Vinyl Acetate	0.796	0.827	0.684	0.916	0.842	0.889	0.826	9.90
24)	P	1,1-Dichloroet...	0.800	0.805	0.719	0.850	0.753	0.789	0.786	5.75
25)	T	2-Butanone	0.110	0.117	0.091	0.140	0.121	0.122	0.117	13.76
26)	T	2,2-Dichloropr...	0.767	0.740	0.688	0.791	0.697	0.729	0.735	5.38
27)	T	cis-1,2-Dichlo...	0.643	0.602	0.550	0.663	0.582	0.597	0.606	6.78
28)	T	Bromochloromet...	0.324	0.348	0.284	0.308	0.321	0.320	0.318	6.61
29)	T	Tetrahydrofuran	0.071	0.079	0.058	0.085	0.076	0.076	0.074	12.08
30)	C	Chloroform	0.847	0.826	0.775	0.902	0.805	0.836	0.832	5.14#
31)	T	Cyclohexane	0.875	0.786	0.702	0.780	0.678	0.710	0.755	9.72
32)	T	1,1,1-Trichlor...	0.746	0.758	0.723	0.826	0.734	0.767	0.759	4.83
33)	S	1,2-Dichloroet...	0.406	0.375	0.345	0.432	0.414	0.393	0.394	7.78
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.298	0.266	0.279	0.313	0.293	0.275	0.287	6.03
36)	T	1,1-Dichloropr...	0.390	0.377	0.362	0.424	0.369	0.379	0.384	5.70
37)	T	Ethyl Acetate	0.150	0.175	0.133	0.193	0.174	0.175	0.167	12.81
38)	T	Carbon Tetrach...	0.427	0.438	0.414	0.478	0.417	0.437	0.435	5.32
39)	T	Methylcyclohexane	0.588	0.557	0.542	0.609	0.531	0.553	0.563	5.25
40)	TM	Benzene	1.250	1.231	1.159	1.353	1.184	1.217	1.232	5.48
41)	T	Methacrylonitrile	0.123	0.082	0.082	0.099	0.101	0.104	0.098	15.78
42)	TM	1,2-Dichloroet...	0.285	0.282	0.252	0.317	0.282	0.294	0.286	7.35
43)	T	Isopropyl Acetate	0.352	0.347	0.297	0.397	0.355	0.357	0.351	9.11
44)	TM	Trichloroethene	0.354	0.346	0.334	0.385	0.336	0.342	0.350	5.34
45)	C	1,2-Dichloropr...	0.280	0.269	0.245	0.294	0.259	0.267	0.269	6.30#
46)	T	Dibromomethane	0.169	0.172	0.141	0.179	0.158	0.163	0.163	8.12
47)	T	Bromodichlorom...	0.415	0.392	0.364	0.445	0.391	0.401	0.401	6.82
48)	T	Methyl methacr...	0.152	0.157	0.141	0.180	0.164	0.170	0.161	8.66
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	11.66
50)	S	Toluene-d8	1.172	1.033	1.084	1.227	1.143	1.072	1.122	6.43
51)	T	4-Methyl-2-Pen...	0.158	0.172	0.142	0.196	0.179	0.181	0.171	11.13
52)	CM	Toluene	0.830	0.801	0.766	0.894	0.783	0.821	0.816	5.51#
53)	T	t-1,3-Dichloro...	0.384	0.379	0.342	0.436	0.388	0.398	0.388	7.81
54)	T	cis-1,3-Dichlo...	0.453	0.448	0.416	0.510	0.448	0.459	0.456	6.76
55)	T	1,1,2-Trichlor...	0.219	0.223	0.192	0.248	0.217	0.220	0.220	7.99
56)	T	Ethyl methacry...	0.311	0.302	0.260	0.349	0.319	0.325	0.311	9.57

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57)	T	1,3-Dichloropr...	0.346	0.347	0.310	0.396	0.354	0.356	0.351	7.83
58)	T	2-Chloroethyl ...	0.140	0.153	0.126	0.158	0.153	0.142	0.145	8.13
59)	T	2-Hexanone	0.108	0.119	0.097	0.146	0.132	0.132	0.122	14.80
60)	T	Dibromochlorom...	0.305	0.293	0.259	0.337	0.297	0.300	0.299	8.36
61)	T	1,2-Dibromoethane	0.204	0.211	0.183	0.242	0.212	0.212	0.211	8.99
62)	S	4-Bromofluorob...	0.427	0.349	0.356	0.411	0.398	0.376	0.386	8.06
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.372	0.363	0.354	0.392	0.340	0.351	0.362	5.04
65)	PM	Chlorobenzene	1.074	1.054	0.999	1.158	1.005	1.042	1.055	5.48
66)	T	1,1,1,2-Tetrac...	0.357	0.358	0.328	0.390	0.343	0.353	0.355	5.82
67)	C	Ethyl Benzene	1.773	1.750	1.694	1.933	1.687	1.782	1.770	5.03#
68)	T	m/p-Xylenes	0.709	0.705	0.675	0.775	0.678	0.712	0.709	5.10
69)	T	o-Xylene	0.679	0.681	0.650	0.741	0.649	0.689	0.681	4.94
70)	T	Styrene	1.130	1.125	1.061	1.264	1.121	1.178	1.147	5.97
71)	P	Bromoform	0.212	0.204	0.178	0.237	0.207	0.210	0.208	9.20
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.793	3.761	3.629	4.041	3.571	3.784	3.763	4.34
74)	T	N-amyl acetate	0.757	0.779	0.709	0.943	0.878	0.890	0.826	11.00
75)	P	1,1,2,2-Tetrac...	0.587	0.621	0.524	0.665	0.588	0.608	0.599	7.79
76)	T	1,2,3-Trichlor...	0.434	0.425	0.358	0.460	0.417	0.425	0.420	8.05
77)	T	Bromobenzene	0.919	0.892	0.838	0.987	0.848	0.882	0.894	6.07
78)	T	n-propylbenzene	4.375	4.253	4.159	4.722	4.142	4.350	4.333	4.91
79)	T	2-Chlorotoluene	2.487	2.434	2.293	2.657	2.374	2.522	2.461	5.11
80)	T	1,3,5-Trimethy...	3.133	3.023	2.850	3.283	2.888	3.022	3.033	5.26
81)	T	trans-1,4-Dich...	0.217	0.240	0.197	0.262	0.229	0.237	0.230	9.57
82)	T	4-Chlorotoluene	2.518	2.442	2.326	2.750	2.479	2.615	2.522	5.81
83)	T	tert-Butylbenzene	2.789	2.758	2.696	3.036	2.639	2.742	2.777	4.95
84)	T	1,2,4-Trimethy...	3.021	2.943	2.785	3.233	2.857	2.987	2.971	5.21
85)	T	sec-Butylbenzene	4.070	3.929	3.891	4.302	3.779	3.937	3.985	4.55
86)	T	p-Isopropyltol...	3.386	3.285	3.209	3.617	3.160	3.266	3.321	4.94
87)	T	1,3-Dichlorobe...	1.796	1.710	1.610	1.871	1.610	1.665	1.710	6.14
88)	T	1,4-Dichlorobe...	1.747	1.693	1.583	1.854	1.590	1.647	1.686	6.12
89)	T	n-Butylbenzene	2.918	2.827	2.860	3.221	2.827	2.979	2.939	5.12
90)	T	Hexachloroethane	0.699	0.677	0.642	0.729	0.637	0.665	0.675	5.20
91)	T	1,2-Dichlorobe...	1.512	1.498	1.377	1.653	1.433	1.469	1.490	6.27
92)	T	1,2-Dibromo-3-...	0.089	0.096	0.078	0.101	0.088	0.091	0.090	8.80
93)	T	1,2,4-Trichlor...	0.823	0.761	0.796	0.945	0.818	0.854	0.833	7.58
94)	T	Hexachlorobuta...	0.501	0.446	0.466	0.492	0.425	0.436	0.461	6.74
95)	T	Naphthalene	1.434	1.402	1.343	1.793	1.589	1.642	1.534	11.12
96)	T	1,2,3-Trichlor...	0.684	0.631	0.655	0.791	0.689	0.719	0.695	8.05

(#) = Out of Range