Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y111521S.M
Title : SW846 8260
Last Update : Tue Nov 16 04:20:03 2021
Response Via : Initial Calibration

Calibration Files
5 =VY006729.D 10 =VY006730.D 20 =VY006731.D 50 =VY006732.D 100 =VY006733.D 150 =VY006734.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.564	0.471	0.417	0.476	0.475	0.477	0.480	9.80
3)	P	Chloromethane	0.804	0.726	0.652	0.727	0.710	0.715	0.722	6.75
4)	C	Vinyl Chloride	0.812	0.736	0.652	0.736	0.727	0.737	0.733	6.89#
5)	T	Bromomethane	0.396	0.370	0.362	0.393	0.398	0.426	0.391	5.81
6)	T	Chloroethane	0.508	0.438	0.436	0.459	0.411	0.439	0.449	7.32
7)	T	Trichlorofluor...	0.967	0.932	0.879	0.908	0.909	0.918	0.919	3.19
8)	T	Diethyl Ether	0.305	0.286	0.291	0.323	0.308	0.324	0.306	5.10
9)	T	1,1,2-Trichlor...	0.515	0.492	0.460	0.482	0.483	0.495	0.488	3.71
10)	T	Methyl Iodide	0.578	0.590	0.565	0.629	0.634	0.666	0.610	6.41
11)	T	Tert butyl alc...	0.184	0.103	0.090	0.087	0.060	0.068	0.099	45.45
12)	CM	1,1-Dichloroet...	0.498	0.477	0.455	0.486	0.486	0.504	0.484	3.58#
13)	T	Acrolein	0.013	0.011	0.015	0.016	0.013	0.015	0.014	13.57
14)	T	Allyl chloride	1.076	1.086	1.000	1.100	1.111	1.170	1.090	5.07
15)	T	Acrylonitrile	0.168	0.155	0.165	0.200	0.179	0.192	0.177	9.66
16)	T	Acetone	0.200	0.167	0.175	0.234	0.199	0.219	0.199	12.73
17)	T	Carbon Disulfide	1.783	1.704	1.607	1.715	1.709	1.735	1.709	3.37
18)	T	Methyl Acetate	0.634	0.558	0.611	0.720	0.640	0.704	0.645	9.25
19)	T	Methyl tert-bu...	1.455	1.404	1.421	1.645	1.569	1.662	1.526	7.51
20)	T	Methylene Chlo...	1.153	0.718	0.610	0.601	0.573	0.567	0.704	32.21
21)	T	trans-1,2-Dich...	0.555	0.550	0.526	0.559	0.556	0.573	0.553	2.77
22)	T	Diisopropyl ether	2.075	2.071	2.063	2.221	2.184	2.295	2.152	4.48
23)	T	Vinyl Acetate	1.193	1.182	1.228	1.420	1.337	1.435	1.299	8.74
24)	P	1,1-Dichloroet...	1.110	1.124	1.046	1.093	1.087	1.129	1.098	2.77
25)	T	2-Butanone	0.246	0.213	0.240	0.321	0.274	0.306	0.267	15.48
26)	T	2,2-Dichloropr...	1.022	0.996	0.934	0.991	0.988	1.023	0.992	3.26
27)	T	cis-1,2-Dichlo...	0.620	0.616	0.598	0.627	0.631	0.655	0.625	3.03
28)	T	Bromochloromet...	0.524	0.508	0.527	0.515	0.501	0.524	0.517	2.03
29)	T	Tetrahydrofuran	0.157	0.136	0.152	0.195	0.167	0.185	0.165	13.15
30)	C	Chloroform	1.085	1.050	1.007	1.060	1.046	1.087	1.056	2.80#
31)	T	Cyclohexane	1.310	1.180	1.056	1.117	1.110	1.138	1.152	7.57
32)	T	1,1,1-Trichlor...	0.976	0.991	0.934	0.973	0.967	0.996	0.973	2.28
33)	S	1,2-Dichloroet...	0.686	0.639	0.638	0.696	0.628	0.645	0.655	4.31
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.319	0.302	0.301	0.318	0.297	0.306	0.307	3.00
36)	T	1,1-Dichloropr...	0.545	0.547	0.504	0.550	0.546	0.569	0.543	3.94
37)	T	Ethyl Acetate	0.365	0.306	0.335	0.412	0.363	0.399	0.363	10.90
38)	T	Carbon Tetrach...	0.548	0.560	0.526	0.565	0.557	0.579	0.556	3.22
39)	T	Methylcyclohexane	0.640	0.655	0.619	0.672	0.684	0.708	0.663	4.84
40)	TM	Benzene	1.538	1.534	1.427	1.543	1.537	1.601	1.530	3.69
41)	T	Methacrylonitrile	0.305	0.249	0.298	0.334	0.325	0.320	0.305	9.91
42)	TM	1,2-Dichloroet...	0.500	0.490	0.483	0.538	0.514	0.534	0.510	4.49
43)	T	Isopropyl Acetate	0.629	0.596	0.619	0.777	0.701	0.768	0.682	11.53
44)	TM	Trichloroethene	0.357	0.385	0.354	0.375	0.374	0.388	0.372	3.79
45)	C	1,2-Dichloropr...	0.398	0.382	0.373	0.400	0.398	0.417	0.395	3.91#
46)	T	Dibromomethane	0.200	0.197	0.192	0.219	0.207	0.220	0.206	5.70
47)	T	Bromodichlorom...	0.503	0.522	0.484	0.540	0.531	0.552	0.522	4.74
48)	T	Methyl methacr...	0.302	0.276	0.282	0.366	0.342	0.371	0.323	13.07
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.002	0.003	0.002	12.95
50)	S	Toluene-d8	1.286	1.269	1.240	1.324	1.245	1.261	1.271	2.43
51)	T	4-Methyl-2-Pen...	0.325	0.303	0.326	0.425	0.370	0.405	0.359	13.61
52)	CM	Toluene	0.914	0.929	0.870	0.942	0.941	0.978	0.929	3.85#
53)	T	t-1,3-Dichloro...	0.526	0.537	0.525	0.610	0.586	0.621	0.568	7.65
54)	T	cis-1,3-Dichlo...	0.611	0.636	0.596	0.655	0.640	0.682	0.636	4.84
55)	T	1,1,2-Trichlor...	0.260	0.268	0.262	0.281	0.278	0.297	0.274	5.03
56)	T	Ethyl methacry...	0.378	0.374	0.396	0.463	0.458	0.492	0.427	11.81

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57)	T	1,3-Dichloropr...	0.498	0.453	0.488	0.492	0.522	0.551	0.501	6.64
58)	T	2-Chloroethyl ...	0.206	0.200	0.243	0.256	0.238	0.259	0.234	10.74
59)	T	2-Hexanone	0.213	0.173	0.223	0.240	0.266	0.289	0.234	17.55
60)	T	Dibromochlorom...	0.332	0.318	0.320	0.354	0.339	0.356	0.336	4.76
61)	T	1,2-Dibromoethane	0.239	0.237	0.237	0.270	0.263	0.280	0.254	7.59
62)	S	4-Bromofluorob...	0.438	0.420	0.410	0.450	0.424	0.429	0.428	3.24
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.357	0.379	0.332	0.384	0.365	0.376	0.365	5.24
65)	PM	Chlorobenzene	1.019	1.025	0.950	1.026	1.019	1.064	1.017	3.64
66)	T	1,1,1,2-Tetrac...	0.366	0.378	0.359	0.393	0.387	0.398	0.380	4.09
67)	C	Ethyl Benzene	1.835	1.863	1.757	1.943	2.037	2.134	1.928	7.22#
68)	T	m/p-Xylenes	0.713	0.721	0.684	0.747	0.760	0.785	0.735	4.93
69)	T	o-Xylene	0.664	0.696	0.647	0.705	0.719	0.746	0.696	5.16
70)	T	Styrene	1.077	1.174	1.086	1.215	1.227	1.276	1.176	6.79
71)	P	Bromoform	0.210	0.220	0.225	0.246	0.235	0.245	0.230	6.32
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.942	3.915	3.381	3.892	3.814	3.902	3.808	5.60
74)	T	N-amyl acetate	1.076	0.971	0.893	1.547	1.372	1.453	1.219	22.43
75)	P	1,1,2,2-Tetrac...	0.713	0.624	0.595	0.812	0.722	0.760	0.704	11.63
76)	T	1,2,3-Trichlor...	0.449	0.528	0.474	0.630	0.577	0.604	0.544	13.35
77)	T	Bromobenzene	0.829	0.920	0.824	0.893	0.856	0.881	0.867	4.35
78)	T	n-propylbenzene	4.716	4.765	4.147	4.855	4.721	4.647	4.642	5.42
79)	T	2-Chlorotoluene	2.645	2.592	2.280	2.657	2.595	2.471	2.540	5.64
80)	T	1,3,5-Trimethy...	3.113	3.249	2.867	3.244	3.158	3.093	3.121	4.50
81)	T	trans-1,4-Dich...	0.276	0.243	0.217	0.322	0.285	0.303	0.274	14.05
82)	T	4-Chlorotoluene	2.739	2.752	2.404	2.785	2.693	2.558	2.655	5.51
83)	T	tert-Butylbenzene	2.688	2.830	2.525	2.794	2.731	2.694	2.710	3.93
84)	T	1,2,4-Trimethy...	3.143	3.218	2.897	3.231	3.129	3.077	3.116	3.90
85)	T	sec-Butylbenzene	4.058	4.266	3.740	4.221	4.023	3.910	4.036	4.85
86)	T	p-Isopropyltol...	3.303	3.533	3.217	3.540	3.461	3.448	3.417	3.80
87)	T	1,3-Dichlorobe...	1.744	1.720	1.612	1.746	1.762	1.778	1.727	3.46
88)	T	1,4-Dichlorobe...	1.732	1.741	1.624	1.713	1.700	1.715	1.704	2.47
89)	T	n-Butylbenzene	3.248	3.387	3.034	3.447	3.138	3.092	3.224	5.15
90)	T	Hexachloroethane	0.658	0.646	0.565	0.634	0.595	0.597	0.616	5.81
91)	T	1,2-Dichlorobe...	1.494	1.494	1.351	1.542	1.513	1.536	1.488	4.72
92)	T	1,2-Dibromo-3-...	0.130	0.115	0.116	0.144	0.118	0.123	0.125	9.03
93)	T	1,2,4-Trichlor...	0.938	0.939	0.870	0.990	1.023	1.082	0.974	7.62
94)	T	Hexachlorobuta...	0.652	0.610	0.574	0.622	0.674	0.679	0.635	6.41
95)	T	Naphthalene	1.635	1.569	1.571	2.032	1.945	2.055	1.801	12.97
96)	T	1,2,3-Trichlor...	0.785	0.759	0.723	0.848	0.826	0.927	0.811	8.91

(#) = Out of Range