Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y032522S.M
Title : SW846 8260
Last Update : Sat Mar 26 03:24:51 2022
Response Via : Initial Calibration

Calibration Files
5 =VY008027.D 10 =VY008028.D 20 =VY008029.D 50 =VY008030.D 100 =VY008031.D 150 =VY008032.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.413	0.365	0.525	0.487	0.459	0.455	0.451	12.44
3)	P	Chloromethane	0.627	0.498	0.608	0.584	0.505	0.472	0.549	11.91
4)	C	Vinyl Chloride	0.784	0.674	0.816	0.782	0.699	0.626	0.730	10.22#
5)	T	Bromomethane	0.719	0.604	0.648	0.599	0.541	0.479	0.598	13.88
6)	T	Chloroethane	0.515	0.455	0.518	0.506	0.454	0.434	0.480	7.65
7)	T	Trichlorofluor...	0.955	0.877	0.979	0.955	0.899	0.877	0.924	4.84
8)	T	Diethyl Ether	0.305	0.289	0.311	0.319	0.290	0.282	0.299	4.83
9)	T	1,1,2-Trichlor...	0.600	0.536	0.599	0.605	0.557	0.541	0.573	5.56
10)	T	Methyl Iodide	0.408	0.444	0.620	0.715	0.687	0.678	0.592	22.40
11)	T	Tert butyl alc...	0.055	0.049	0.054	0.057	0.048	0.049	0.052	7.34
12)	CM	1,1-Dichloroet...	0.555	0.501	0.558	0.554	0.519	0.496	0.530	5.42#
13)	T	Acrolein	0.048	0.045	0.048	0.041	0.036	0.036	0.042	13.25
14)	T	Allyl chloride	0.744	0.670	0.727	0.753	0.673	0.621	0.698	7.43
15)	T	Acrylonitrile	0.153	0.139	0.147	0.155	0.132	0.129	0.142	7.61
16)	T	Acetone	0.125	0.106	0.112	0.130	0.109	0.104	0.115	9.37
17)	T	Carbon Disulfide	1.470	1.313	1.696	1.623	1.488	1.429	1.503	9.14
18)	T	Methyl Acetate	0.597	0.517	0.323	0.331	0.276	0.271	0.386	35.55
19)	T	Methyl tert-bu...	1.603	1.462	1.537	1.605	1.451	1.388	1.508	5.88
20)	T	Methylene Chlo...	0.955	0.689	0.667	0.625	0.564	0.539	0.673	22.25
21)	T	trans-1,2-Dich...	0.651	0.564	0.638	0.645	0.608	0.580	0.614	5.95
22)	T	Diisopropyl ether	1.638	1.484	1.571	1.632	1.423	1.263	1.502	9.60
23)	T	Vinyl Acetate	0.866	0.790	1.043	1.093	0.931	0.860	0.930	12.52
24)	P	1,1-Dichloroet...	1.094	0.957	1.015	1.058	0.956	0.886	0.994	7.66
25)	T	2-Butanone	0.185	0.170	0.179	0.196	0.162	0.155	0.174	8.61
26)	T	2,2-Dichloropr...	0.994	0.885	0.956	1.009	0.930	0.874	0.941	5.91
27)	T	cis-1,2-Dichlo...	0.772	0.671	0.725	0.746	0.696	0.661	0.712	6.10
28)	T	Bromochloromet...	0.437	0.381	0.356	0.281	0.255	0.225	0.322	25.40
29)	T	Tetrahydrofuran	0.118	0.113	0.119	0.126	0.104	0.100	0.113	8.82
30)	C	Chloroform	1.162	1.036	1.091	1.144	1.040	0.986	1.076	6.31#
31)	T	Cyclohexane	1.141	0.933	0.989	0.946	0.848	0.770	0.938	13.50
32)	T	1,1,1-Trichlor...	1.023	0.928	1.025	1.067	0.983	0.941	0.995	5.39
33)	S	1,2-Dichloroet...	0.568	0.523	0.475	0.518	0.479	0.447	0.502	8.61
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.323	0.302	0.286	0.322	0.324	0.323	0.313	5.04
36)	T	1,1-Dichloropr...	0.493	0.457	0.514	0.524	0.491	0.475	0.492	4.98
37)	T	Ethyl Acetate	0.223	0.217	0.242	0.255	0.222	0.222	0.230	6.53
38)	T	Carbon Tetrach...	0.526	0.470	0.540	0.573	0.555	0.556	0.537	6.75
39)	T	Methylcyclohexane	0.679	0.610	0.694	0.701	0.666	0.638	0.665	5.23
40)	TM	Benzene	1.464	1.318	1.448	1.488	1.401	1.332	1.409	5.01
41)	T	Methacrylonitrile	0.127	0.097	0.110	0.115	0.123	0.121	0.116	9.45
42)	TM	1,2-Dichloroet...	0.419	0.370	0.408	0.419	0.382	0.372	0.395	5.80
43)	T	Isopropyl Acetate	0.468	0.427	0.470	0.489	0.431	0.424	0.452	6.05
44)	TM	Trichloroethene	0.411	0.362	0.409	0.428	0.418	0.416	0.407	5.68
45)	C	1,2-Dichloropr...	0.353	0.307	0.341	0.354	0.328	0.310	0.332	6.18#
46)	T	Dibromomethane	0.226	0.203	0.220	0.234	0.215	0.211	0.218	5.13
47)	T	Bromodichlorom...	0.511	0.462	0.499	0.533	0.502	0.487	0.499	4.77
48)	T	Methyl methacr...	0.206	0.191	0.205	0.219	0.191	0.189	0.200	5.88
49)	T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	8.72
50)	S	Toluene-d8	1.257	1.174	1.068	1.230	1.206	1.151	1.181	5.69
51)	T	4-Methyl-2-Pen...	0.234	0.220	0.238	0.253	0.212	0.210	0.228	7.37
52)	CM	Toluene	0.944	0.845	0.942	1.005	0.924	0.882	0.924	5.99#
53)	T	t-1,3-Dichloro...	0.505	0.464	0.528	0.557	0.517	0.499	0.512	6.08
54)	T	cis-1,3-Dichlo...	0.581	0.533	0.588	0.625	0.585	0.563	0.579	5.25
55)	T	1,1,2-Trichlor...	0.309	0.275	0.297	0.329	0.301	0.297	0.301	5.88
56)	T	Ethyl methacry...	0.380	0.351	0.406	0.446	0.393	0.382	0.393	8.05

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57)	T	1,3-Dichloropr...	0.510	0.456	0.501	0.532	0.490	0.470	0.493	5.53
58)	T	2-Chloroethyl ...	0.193	0.178	0.157	0.159	0.147	0.144	0.163	11.62
59)	T	2-Hexanone	0.163	0.149	0.166	0.181	0.150	0.147	0.159	8.15
60)	T	Dibromochlorom...	0.350	0.321	0.357	0.402	0.387	0.383	0.367	8.05
61)	T	1,2-Dibromoethane	0.293	0.273	0.299	0.331	0.306	0.299	0.300	6.28
62)	S	4-Bromofluorob...	0.452	0.416	0.393	0.437	0.410	0.392	0.417	5.77
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.396	0.360	0.376	0.392	0.389	0.391	0.384	3.55
65)	PM	Chlorobenzene	1.147	1.041	1.128	1.206	1.139	1.103	1.127	4.84
66)	T	1,1,1,2-Tetrac...	0.404	0.371	0.407	0.451	0.434	0.429	0.416	6.76
67)	C	Ethyl Benzene	2.036	1.846	2.007	2.121	1.958	1.887	1.976	5.10#
68)	T	m/p-Xylenes	0.786	0.719	0.798	0.855	0.791	0.765	0.786	5.66
69)	T	o-Xylene	0.746	0.700	0.755	0.820	0.760	0.732	0.752	5.27
70)	T	Styrene	1.194	1.129	1.254	1.368	1.251	1.195	1.232	6.58
71)	P	Bromoform	0.227	0.212	0.227	0.283	0.278	0.280	0.251	12.87
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.353	3.981	4.215	4.246	4.071	3.897	4.127	4.20
74)	T	N-amyl acetate	0.972	0.925	0.976	0.931	0.817	0.821	0.907	7.88
75)	P	1,1,2,2-Tetrac...	0.851	0.785	0.827	0.840	0.760	0.749	0.802	5.40
76)	T	1,2,3-Trichlor...	0.768	0.590	0.606	0.600	0.551	0.542	0.610	13.47
77)	T	Bromobenzene	0.918	0.888	0.931	0.988	0.980	0.976	0.947	4.27
78)	T	n-propylbenzene	5.214	4.809	5.064	4.960	4.665	4.496	4.868	5.43
79)	T	2-Chlorotoluene	2.892	2.661	2.769	2.766	2.602	2.513	2.700	5.02
80)	T	1,3,5-Trimethy...	3.562	3.240	3.483	3.485	3.322	3.195	3.381	4.43
81)	T	trans-1,4-Dich...	0.275	0.259	0.284	0.291	0.264	0.266	0.273	4.55
82)	T	4-Chlorotoluene	2.940	2.706	2.934	2.841	2.647	2.556	2.771	5.73
83)	T	tert-Butylbenzene	3.037	2.918	3.041	3.154	3.022	2.901	3.012	3.07
84)	T	1,2,4-Trimethy...	3.435	3.195	3.406	3.387	3.216	3.117	3.292	4.04
85)	T	sec-Butylbenzene	4.703	4.369	4.601	4.580	4.305	4.118	4.446	4.94
86)	T	p-Isopropyltol...	3.822	3.523	3.803	3.875	3.662	3.516	3.700	4.23
87)	T	1,3-Dichlorobe...	1.891	1.749	1.865	1.979	1.916	1.863	1.877	4.04
88)	T	1,4-Dichlorobe...	1.958	1.750	1.853	1.957	1.876	1.839	1.872	4.19
89)	T	n-Butylbenzene	3.603	3.382	3.606	3.482	3.251	3.103	3.404	5.89
90)	T	Hexachloroethane	0.737	0.682	0.710	0.747	0.721	0.704	0.717	3.28
91)	T	1,2-Dichlorobe...	1.645	1.532	1.654	1.756	1.679	1.650	1.653	4.37
92)	T	1,2-Dibromo-3-...	0.139	0.123	0.129	0.132	0.118	0.127	0.128	5.55
93)	T	1,2,4-Trichlor...	0.968	0.879	0.917	1.011	1.060	1.104	0.990	8.65
94)	T	Hexachlorobuta...	0.564	0.467	0.484	0.513	0.547	0.567	0.524	8.08
95)	T	Naphthalene	2.089	1.962	2.085	2.293	2.275	2.423	2.188	7.78
96)	T	1,2,3-Trichlor...	0.815	0.772	0.803	0.875	0.912	0.963	0.856	8.47

(#) = Out of Range