Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y022525S.M
Title : SW846 8260
Last Update : Wed Feb 26 02:09:13 2025
Response Via : Initial Calibration

Calibration Files
5 =VY021309.D 10 =VY021310.D 20 =VY021311.D 50 =VY021312.D 100 =VY021316.D 150 =VY021314.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.510	0.484	0.431	0.493	0.447	0.480	0.474	6.16
3)	P	Chloromethane	0.709	0.628	0.566	0.602	0.570	0.597	0.612	8.61
4)	C	Vinyl Chloride	0.648	0.591	0.554	0.627	0.580	0.606	0.601	5.60#
5)	T	Bromomethane	0.505	0.414	0.361	0.387	0.359	0.371	0.399	13.92
6)	T	Chloroethane	0.414	0.365	0.347	0.390	0.355	0.365	0.373	6.66
7)	T	Trichlorofluor...	0.976	0.915	0.838	0.936	0.870	0.909	0.908	5.33
8)	T	Diethyl Ether	0.276	0.264	0.260	0.286	0.263	0.286	0.272	4.34
9)	T	1,1,2-Trichlor...	0.546	0.529	0.491	0.537	0.508	0.541	0.525	4.09
10)	T	Methyl Iodide	0.492	0.473	0.490	0.637	0.600	0.625	0.553	13.64
11)	T	Tert butyl alc...	0.058	0.047	0.042	0.040	0.034	0.039	0.044	18.88
12)	CM	1,1-Dichloroet...	0.545	0.489	0.462	0.515	0.490	0.518	0.503	5.75#
13)	T	Acrolein	0.065	0.058	0.059	0.007	0.006	0.006	0.033	89.20
14)	T	Allyl chloride	0.929	0.847	0.821	0.926	0.889	0.938	0.892	5.42
15)	T	Acrylonitrile	0.122	0.115	0.116	0.127	0.115	0.127	0.120	5.01
16)	T	Acetone	0.122	0.102	0.094	0.128	0.103	0.104	0.109	11.92
17)	T	Carbon Disulfide	1.800	1.652	1.540	1.734	1.620	1.678	1.671	5.41
18)	T	Methyl Acetate	0.285	0.249	0.259	0.276	0.250	0.276	0.266	5.65
19)	T	Methyl tert-bu...	1.312	1.268	1.267	1.410	1.307	1.410	1.329	4.93
20)	T	Methylene Chlo...	0.733	0.598	0.539	0.585	0.529	0.547	0.588	12.84
21)	T	trans-1,2-Dich...	0.589	0.536	0.507	0.573	0.547	0.570	0.554	5.36
22)	T	Diisopropyl ether	1.839	1.794	1.752	1.961	1.828	1.900	1.846	4.06
23)	T	Vinyl Acetate	1.062	1.041	1.045	1.188	1.103	1.179	1.103	6.00
24)	P	1,1-Dichloroet...	1.101	1.032	0.961	1.083	1.007	1.058	1.040	4.94
25)	T	2-Butanone	0.162	0.155	0.156	0.183	0.159	0.171	0.164	6.53
26)	T	2,2-Dichloropr...	1.036	0.939	0.845	0.972	0.920	0.952	0.944	6.64
27)	T	cis-1,2-Dichlo...	0.649	0.610	0.588	0.665	0.626	0.656	0.632	4.68
28)	T	Bromochloromet...	0.525	0.442	0.438	0.454	0.439	0.464	0.460	7.23
29)	T	Tetrahydrofuran	0.105	0.100	0.106	0.115	0.104	0.114	0.107	5.36
30)	C	Chloroform	1.128	1.046	0.977	1.095	1.017	1.062	1.054	5.11#
31)	T	Cyclohexane	1.182	1.025	0.910	0.989	0.923	0.971	1.000	9.90
32)	T	1,1,1-Trichlor...	1.020	0.956	0.889	0.986	0.927	0.979	0.960	4.81
33)	S	1,2-Dichloroet...	0.681	0.510	0.548	0.551	0.547	0.566	0.567	10.35
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.370	0.299	0.317	0.325	0.322	0.334	0.328	7.20
36)	T	1,1-Dichloropr...	0.508	0.487	0.460	0.516	0.478	0.505	0.492	4.28
37)	T	Ethyl Acetate	0.251	0.246	0.232	0.257	0.228	0.255	0.245	5.02
38)	T	Carbon Tetrach...	0.567	0.562	0.509	0.581	0.535	0.567	0.554	4.80
39)	T	Methylcyclohexane	0.597	0.613	0.584	0.662	0.618	0.663	0.623	5.33
40)	TM	Benzene	1.515	1.445	1.359	1.533	1.409	1.472	1.456	4.48
41)	T	Methacrylonitrile	0.162	0.118	0.120	0.147	0.129	0.146	0.137	12.55
42)	TM	1,2-Dichloroet...	0.422	0.417	0.393	0.434	0.394	0.419	0.413	3.91
43)	T	Isopropyl Acetate	0.443	0.447	0.464	0.513	0.466	0.511	0.474	6.49
44)	TM	Trichloroethene	0.375	0.360	0.341	0.382	0.354	0.375	0.364	4.29
45)	C	1,2-Dichloropr...	0.360	0.350	0.329	0.371	0.336	0.357	0.350	4.49#
46)	T	Dibromomethane	0.192	0.188	0.183	0.203	0.184	0.199	0.191	4.22
47)	T	Bromodichlorom...	0.519	0.503	0.477	0.541	0.495	0.528	0.511	4.54
48)	T	Methyl methacr...	0.197	0.201	0.208	0.247	0.225	0.251	0.222	10.59
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.15
50)	S	Toluene-d8	1.420	1.158	1.230	1.251	1.253	1.290	1.267	6.83
51)	T	4-Methyl-2-Pen...	0.220	0.227	0.239	0.267	0.238	0.264	0.243	7.94
52)	CM	Toluene	0.887	0.888	0.852	0.965	0.897	0.936	0.904	4.42#
53)	T	t-1,3-Dichloro...	0.438	0.436	0.434	0.515	0.474	0.509	0.468	8.02
54)	T	cis-1,3-Dichlo...	0.541	0.526	0.528	0.591	0.546	0.581	0.552	4.97
55)	T	1,1,2-Trichlor...	0.250	0.251	0.238	0.267	0.237	0.254	0.249	4.42
56)	T	Ethyl methacry...	0.294	0.308	0.315	0.392	0.360	0.398	0.345	13.04

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57)	T	1,3-Dichloropr...	0.427	0.428	0.422	0.469	0.426	0.454	0.438	4.39
58)	T	2-Chloroethyl ...	0.140	0.146	0.159	0.191	0.177	0.179	0.165	12.21
59)	T	2-Hexanone	0.133	0.146	0.155	0.183	0.162	0.178	0.159	11.90
60)	T	Dibromochlorom...	0.340	0.325	0.322	0.368	0.332	0.352	0.340	5.17
61)	T	1,2-Dibromoethane	0.234	0.231	0.226	0.254	0.227	0.245	0.236	4.72
62)	S	4-Bromofluorob...	0.490	0.387	0.404	0.423	0.420	0.435	0.426	8.25
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.405	0.380	0.351	0.389	0.355	0.386	0.378	5.52
65)	PM	Chlorobenzene	1.171	1.111	1.039	1.176	1.078	1.159	1.122	4.97
66)	T	1,1,1,2-Tetrac...	0.396	0.401	0.362	0.414	0.381	0.404	0.393	4.71
67)	C	Ethyl Benzene	1.938	1.941	1.826	2.130	1.979	2.115	1.988	5.85#
68)	T	m/p-Xylenes	0.735	0.738	0.696	0.802	0.733	0.783	0.748	5.13
69)	T	o-Xylene	0.689	0.675	0.648	0.758	0.694	0.739	0.701	5.86
70)	T	Styrene	1.081	1.128	1.091	1.276	1.159	1.257	1.166	7.15
71)	P	Bromoform	0.221	0.221	0.211	0.246	0.214	0.236	0.225	5.89
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.744	3.605	3.437	3.976	3.783	4.009	3.759	5.80
74)	T	N-amyl acetate	0.818	0.854	0.904	1.060	0.990	1.106	0.955	12.07
75)	P	1,1,2,2-Tetrac...	0.700	0.649	0.621	0.697	0.624	0.689	0.663	5.52
76)	T	1,2,3-Trichlor...	0.517	0.547	0.448	0.523	0.474	0.493	0.500	7.19
77)	T	Bromobenzene	0.919	0.843	0.806	0.908	0.854	0.915	0.874	5.34
78)	T	n-propylbenzene	4.532	4.403	4.216	4.830	4.546	4.842	4.561	5.34
79)	T	2-Chlorotoluene	2.741	2.558	2.412	2.715	2.551	2.730	2.618	5.05
80)	T	1,3,5-Trimethy...	3.092	2.977	2.873	3.250	3.042	3.264	3.083	4.99
81)	T	trans-1,4-Dich...	0.210	0.209	0.208	0.244	0.225	0.255	0.225	8.86
82)	T	4-Chlorotoluene	2.871	2.665	2.496	2.815	2.633	2.802	2.714	5.19
83)	T	tert-Butylbenzene	2.703	2.753	2.601	2.892	2.760	3.000	2.785	5.08
84)	T	1,2,4-Trimethy...	3.014	2.958	2.860	3.248	3.048	3.269	3.066	5.28
85)	T	sec-Butylbenzene	4.126	4.003	3.760	4.257	3.987	4.274	4.068	4.75
86)	T	p-Isopropyltol...	3.340	3.267	3.162	3.593	3.377	3.641	3.397	5.48
87)	T	1,3-Dichlorobe...	1.812	1.729	1.598	1.792	1.668	1.777	1.730	4.77
88)	T	1,4-Dichlorobe...	1.825	1.710	1.593	1.751	1.629	1.744	1.709	4.99
89)	T	n-Butylbenzene	3.078	3.050	2.931	3.421	3.218	3.481	3.196	6.82
90)	T	Hexachloroethane	0.759	0.690	0.638	0.721	0.693	0.755	0.710	6.43
91)	T	1,2-Dichlorobe...	1.599	1.499	1.408	1.575	1.446	1.564	1.515	5.09
92)	T	1,2-Dibromo-3-...	0.103	0.097	0.099	0.113	0.102	0.115	0.105	7.23
93)	T	1,2,4-Trichlor...	0.906	0.848	0.822	0.968	0.950	1.053	0.925	9.16
94)	T	Hexachlorobuta...	0.633	0.573	0.517	0.591	0.563	0.616	0.582	7.04
95)	T	Naphthalene	1.249	1.282	1.361	1.721	1.673	1.905	1.532	17.67
96)	T	1,2,3-Trichlor...	0.742	0.719	0.698	0.824	0.809	0.896	0.781	9.62

(#) = Out of Range