Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y082422S.M
Title : SW846 8260
Last Update : Fri Aug 26 06:12:05 2022
Response Via : Initial Calibration

Calibration Files
5 =VY010187.D 10 =VY010188.D 20 =VY010195.D 50 =VY010196.D 100 =VY010191.D

		Compound	5	10	20	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.796	0.369	0.347	0.335	0.320	0.434	46.96
3)	P	Chloromethane	0.498	0.391	0.396	0.440	0.385	0.422	11.25
4)	C	Vinyl Chloride	0.524	0.419	0.422	0.494	0.443	0.460	10.11#
5)	T	Bromomethane	0.453	0.348	0.367	0.367	0.319	0.371	13.50
6)	T	Chloroethane	0.343	0.312	0.302	0.346	0.336	0.328	5.97
7)	T	Trichlorofluorom...	0.697	0.454	0.573	0.455	0.421	0.520	22.05
8)	T	Diethyl Ether	0.323	0.277	0.296	0.322	0.298	0.303	6.47
9)	T	1,1,2-Trichlorot...	0.550	0.491	0.526	0.544	0.495	0.521	5.22
10)	T	Methyl Iodide	0.534	0.495	0.514	0.656	0.663	0.572	14.07
11)	T	Tert butyl alcohol	0.102	0.067	0.055	0.050	0.053	0.065	32.91
12)	CM	1,1-Dichloroethene	0.473	0.420	0.455	0.507	0.471	0.465	6.77#
13)	T	Acrolein	0.028	0.025	0.025	0.015	0.015	0.022	28.41
14)	T	Allyl chloride	0.835	0.745	0.797	0.893	0.827	0.819	6.58
15)	T	Acrylonitrile	0.167	0.157	0.162	0.166	0.167	0.164	2.86
16)	T	Acetone	0.159	0.127	0.137	0.122	0.134	0.136	10.60
17)	T	Carbon Disulfide	1.227	1.019	1.010	1.368	1.301	1.185	13.81
18)	T	Methyl Acetate	0.711	0.411	0.411	0.401	0.398	0.466	29.30
19)	T	Methyl tert-buty...	1.329	1.242	1.384	1.488	1.427	1.374	6.84
20)	T	Methylene Chloride	1.565	0.976	0.722	0.649	0.590	0.901	44.40
21)	T	trans-1,2-Dichlo...	0.535	0.488	0.522	0.595	0.553	0.539	7.35
22)	T	Diisopropyl ether	1.737	1.739	1.894	1.998	1.768	1.827	6.30
23)	T	Vinyl Acetate	0.885	0.998	1.091	1.232	1.156	1.072	12.64
24)	P	1,1-Dichloroethane	1.079	1.001	1.038	1.094	0.992	1.041	4.36
25)	T	2-Butanone	0.266	0.221	0.214	0.211	0.214	0.225	10.25
26)	T	2,2-Dichloropropane	1.121	0.969	0.908	0.938	0.867	0.961	10.14
27)	T	cis-1,2-Dichloro...	0.646	0.616	0.640	0.700	0.648	0.650	4.70
28)	T	Bromochloromethane	0.390	0.347	0.333	0.355	0.323	0.350	7.40
29)	T	Tetrahydrofuran	0.139	0.125	0.133	0.143	0.141	0.136	5.57
30)	C	Chloroform	1.118	1.047	1.073	1.132	1.026	1.079	4.18#
31)	T	Cyclohexane	0.930	0.770	0.800	0.927	0.834	0.852	8.61
32)	T	1,1,1-Trichloroe...	0.921	0.863	0.906	0.955	0.886	0.906	3.82
33)	S	1,2-Dichloroetha...	0.603	0.533	0.517	0.396	0.410	0.492	17.74
34)	I	1,4-Difluorobenzene	----------ISTD----------						
35)	S	Dibromofluoromet...	0.357	0.342	0.350	0.290	0.300	0.328	9.33
36)	T	1,1-Dichloropropene	0.474	0.432	0.471	0.533	0.501	0.482	7.80
37)	T	Ethyl Acetate	0.340	0.287	0.295	0.305	0.313	0.308	6.57
38)	T	Carbon Tetrachlo...	0.496	0.472	0.509	0.551	0.525	0.511	5.87
39)	T	Methylcyclohexane	0.475	0.458	0.513	0.635	0.592	0.535	14.31
40)	TM	Benzene	1.469	1.383	1.450	1.583	1.495	1.476	4.93
41)	T	Methacrylonitrile	0.137	0.159	0.133	0.175	0.164	0.154	11.76
42)	TM	1,2-Dichloroethane	0.421	0.394	0.399	0.428	0.409	0.410	3.50
43)	T	Isopropyl Acetate	0.532	0.498	0.529	0.562	0.561	0.536	4.92
44)	TM	Trichloroethene	0.410	0.377	0.397	0.437	0.416	0.407	5.51
45)	C	1,2-Dichloropropane	0.380	0.376	0.391	0.412	0.380	0.388	3.78#
46)	T	Dibromomethane	0.211	0.203	0.210	0.226	0.218	0.214	4.08
47)	T	Bromodichloromet...	0.520	0.509	0.526	0.553	0.523	0.526	3.07
48)	T	Methyl methacrylate	0.215	0.207	0.227	0.252	0.252	0.231	8.96
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.003	0.002	11.28
50)	S	Toluene-d8	1.290	1.214	1.254	0.949	0.981	1.138	14.08
51)	T	4-Methyl-2-Penta...	0.289	0.276	0.288	0.307	0.310	0.294	4.78
52)	CM	Toluene	0.869	0.857	0.923	1.014	0.960	0.924	7.03#
53)	T	t-1,3-Dichloropr...	0.489	0.486	0.511	0.568	0.553	0.521	7.16
54)	T	cis-1,3-Dichloro...	0.577	0.561	0.606	0.654	0.623	0.604	6.08
55)	T	1,1,2-Trichloroe...	0.332	0.322	0.316	0.335	0.318	0.324	2.55
56)	T	Ethyl methacrylate	0.353	0.345	0.391	0.442	0.449	0.396	12.22

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57)	T	1,3-Dichloropropane	0.520	0.505	0.523	0.552	0.533	0.526	3.28
58)	T	2-Chloroethyl Vi...	0.176	0.172	0.181	0.137	0.139	0.161	13.38
59)	T	2-Hexanone	0.190	0.181	0.199	0.208	0.217	0.199	7.24
60)	T	Dibromochloromet...	0.378	0.371	0.378	0.400	0.386	0.383	2.94
61)	T	1,2-Dibromoethane	0.299	0.278	0.290	0.317	0.308	0.298	5.16
62)	S	4-Bromofluoroben...	0.461	0.449	0.463	0.394	0.412	0.436	7.19
63)	I	Chlorobenzene-d5	----------ISTD----------						
64)	T	Tetrachloroethene	0.409	0.379	0.403	0.449	0.419	0.412	6.24
65)	PM	Chlorobenzene	1.048	1.030	1.105	1.170	1.095	1.090	5.05
66)	T	1,1,1,2-Tetrachl...	0.392	0.399	0.427	0.443	0.415	0.415	4.95
67)	C	Ethyl Benzene	1.689	1.698	1.891	2.114	1.972	1.873	9.72#
68)	T	m/p-Xylenes	0.623	0.656	0.737	0.816	0.764	0.719	11.01
69)	T	o-Xylene	0.611	0.613	0.711	0.771	0.725	0.686	10.35
70)	T	Styrene	1.012	1.077	1.203	1.325	1.257	1.175	10.95
71)	P	Bromoform	0.254	0.256	0.263	0.270	0.268	0.262	2.73
72)	I	1,4-Dichlorobenzen...	----------ISTD----------						
73)	T	Isopropylbenzene	2.971	3.068	3.668	3.913	3.624	3.449	11.84
74)	T	N-amyl acetate	0.862	0.856	0.970	1.021	1.009	0.944	8.42
75)	P	1,1,2,2-Tetrachl...	0.770	0.737	0.787	0.770	0.729	0.759	3.24
76)	T	1,2,3-Trichlorop...	0.560	0.526	0.568	0.555	0.545	0.551	2.95
77)	T	Bromobenzene	0.819	0.781	0.886	0.909	0.864	0.852	6.07
78)	T	n-propylbenzene	3.787	3.888	4.557	4.817	4.406	4.291	10.27
79)	T	2-Chlorotoluene	2.130	2.220	2.578	2.680	2.469	2.415	9.68
80)	T	1,3,5-Trimethylb...	2.517	2.683	3.158	3.271	3.028	2.932	10.91
81)	T	trans-1,4-Dichlo...	0.248	0.239	0.267	0.268	0.273	0.259	5.57
82)	T	4-Chlorotoluene	2.289	2.354	2.675	2.762	2.550	2.526	8.02
83)	T	tert-Butylbenzene	2.147	2.239	2.696	2.850	2.662	2.519	12.21
84)	T	1,2,4-Trimethylb...	2.467	2.614	3.141	3.247	3.033	2.900	11.76
85)	T	sec-Butylbenzene	3.262	3.468	4.163	4.351	3.930	3.835	11.99
86)	T	p-Isopropyltoluene	2.576	2.760	3.394	3.590	3.317	3.128	13.94
87)	T	1,3-Dichlorobenzene	1.662	1.628	1.823	1.834	1.725	1.734	5.36
88)	T	1,4-Dichlorobenzene	1.744	1.648	1.829	1.820	1.704	1.749	4.38
89)	T	n-Butylbenzene	2.563	2.638	3.245	3.431	3.126	3.001	12.73
90)	T	Hexachloroethane	0.658	0.619	0.682	0.707	0.636	0.660	5.31
91)	T	1,2-Dichlorobenzene	1.467	1.480	1.641	1.635	1.530	1.551	5.37
92)	T	1,2-Dibromo-3-Ch...	0.116	0.109	0.063	0.115	0.118	0.104	22.43
93)	T	1,2,4-Trichlorob...	0.363	0.767	0.487	1.000	0.973	0.718	39.78
94)	T	Hexachlorobutadiene	0.251	0.485	0.305	0.591	0.538	0.434	34.22
95)	T	Naphthalene	0.665	1.420	0.900	1.982	2.096	1.413	44.93
96)	T	1,2,3-Trichlorob...	0.363	0.682	0.405	0.879	0.857	0.637	38.27

(#) = Out of Range