Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y080221S.M
Title : SW846 8260
Last Update : Tue Aug 03 04:52:05 2021
Response Via : Initial Calibration

Calibration Files
5 =VY005513.D 10 =VY005514.D 20 =VY005515.D 50 =VY005516.D 100 =VY005517.D 150 =VY005518.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.439	0.470	0.476	0.372	0.360	0.346	0.411	14.12
3)	P	Chloromethane	0.513	0.519	0.489	0.478	0.471	0.472	0.491	4.27
4)	C	Vinyl Chloride	0.627	0.608	0.586	0.580	0.572	0.552	0.588	4.52#
5)	T	Bromomethane	0.435	0.416	0.397	0.374	0.342	0.355	0.387	9.27
6)	T	Chloroethane	0.369	0.372	0.361	0.373	0.331	0.322	0.355	6.37
7)	T	Trichlorofluor...	0.832	0.849	0.804	0.812	0.722	0.701	0.787	7.70
8)	T	Diethyl Ether	0.296	0.285	0.287	0.252	0.264	0.265	0.275	6.19
9)	T	1,1,2-Trichlor...	0.454	0.452	0.441	0.413	0.404	0.396	0.427	5.96
10)	T	Methyl Iodide	0.530	0.531	0.528	0.523	0.549	0.529	0.532	1.68
11)	T	Tert butyl alc...	0.061	0.052	0.049	0.040	0.048	0.049	0.050	13.59
12)	CM	1,1-Dichloroet...	0.465	0.449	0.444	0.417	0.409	0.401	0.431	5.88#
13)	T	Acrolein	0.028	0.030	0.028	0.030	0.032	0.033	0.030	7.56
14)	T	Allyl chloride	0.762	0.786	0.767	0.733	0.742	0.738	0.755	2.70
15)	T	Acrylonitrile	0.144	0.147	0.144	0.124	0.142	0.143	0.141	5.99
16)	T	Acetone	0.132	0.132	0.125	0.119	0.135	0.123	0.128	4.71
17)	T	Carbon Disulfide	1.423	1.437	1.389	1.268	1.246	1.207	1.328	7.49
18)	T	Methyl Acetate	0.409	0.352	0.326	0.275	0.316	0.325	0.334	13.32
19)	T	Methyl tert-bu...	1.366	1.373	1.346	1.246	1.341	1.338	1.335	3.44
20)	T	Methylene Chlo...	1.074	0.722	0.602	0.505	0.480	0.463	0.641	36.36
21)	T	trans-1,2-Dich...	0.517	0.503	0.489	0.461	0.465	0.455	0.482	5.22
22)	T	Diisopropyl ether	1.564	1.608	1.578	1.511	1.550	1.530	1.557	2.21
23)	T	Vinyl Acetate	0.995	1.068	1.067	0.972	1.056	1.059	1.036	4.05
24)	P	1,1-Dichloroet...	0.878	0.898	0.871	0.843	0.853	0.835	0.863	2.72
25)	T	2-Butanone	0.190	0.196	0.190	0.167	0.196	0.193	0.189	5.79
26)	T	2,2-Dichloropr...	0.829	0.812	0.790	0.775	0.771	0.753	0.788	3.59
27)	T	cis-1,2-Dichlo...	0.574	0.558	0.552	0.536	0.538	0.531	0.548	2.97
28)	T	Bromochloromet...	0.366	0.368	0.377	0.305	0.326	0.324	0.344	8.59
29)	T	Tetrahydrofuran	0.130	0.133	0.128	0.106	0.125	0.127	0.125	7.84
30)	C	Chloroform	0.935	0.905	0.886	0.853	0.861	0.844	0.881	3.98#
31)	T	Cyclohexane	1.009	0.944	0.869	0.810	0.795	0.781	0.868	10.55
32)	T	1,1,1-Trichlor...	0.832	0.834	0.823	0.795	0.797	0.775	0.810	2.96
33)	S	1,2-Dichloroet...	0.534	0.508	0.497	0.494	0.491	0.514	0.506	3.19
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.282	0.274	0.271	0.292	0.275	0.287	0.280	2.92
36)	T	1,1-Dichloropr...	0.480	0.484	0.477	0.463	0.461	0.449	0.469	2.91
37)	T	Ethyl Acetate	0.301	0.292	0.286	0.250	0.286	0.290	0.284	6.24
38)	T	Carbon Tetrach...	0.529	0.529	0.517	0.503	0.496	0.483	0.510	3.62
39)	T	Methylcyclohexane	0.592	0.627	0.596	0.593	0.592	0.580	0.597	2.67
40)	TM	Benzene	1.399	1.379	1.347	1.318	1.321	1.295	1.343	2.96
41)	T	Methacrylonitrile	0.123	0.179	0.149	0.161	0.155	0.157	0.154	11.75
42)	TM	1,2-Dichloroet...	0.457	0.456	0.440	0.413	0.428	0.420	0.436	4.26
43)	T	Isopropyl Acetate	0.540	0.553	0.543	0.480	0.551	0.559	0.538	5.39
44)	TM	Trichloroethene	0.381	0.382	0.367	0.363	0.358	0.349	0.367	3.49
45)	C	1,2-Dichloropr...	0.349	0.339	0.338	0.328	0.332	0.330	0.336	2.24#
46)	T	Dibromomethane	0.191	0.194	0.186	0.175	0.185	0.184	0.186	3.47
47)	T	Bromodichlorom...	0.470	0.476	0.469	0.457	0.464	0.453	0.465	1.85
48)	T	Methyl methacr...	0.240	0.246	0.244	0.220	0.253	0.255	0.243	5.18
49)	T	1,4-Dioxane	0.003	0.003	0.003	0.002	0.003	0.003	0.003	5.79
50)	S	Toluene-d8	1.210	1.168	1.127	1.215	1.141	1.183	1.174	3.04
51)	T	4-Methyl-2-Pen...	0.284	0.293	0.285	0.252	0.293	0.294	0.283	5.68
52)	CM	Toluene	0.878	0.880	0.849	0.849	0.853	0.829	0.856	2.25#
53)	T	t-1,3-Dichloro...	0.530	0.527	0.514	0.503	0.524	0.518	0.520	1.89
54)	T	cis-1,3-Dichlo...	0.567	0.564	0.570	0.557	0.567	0.558	0.564	0.95
55)	T	1,1,2-Trichlor...	0.274	0.276	0.274	0.258	0.265	0.265	0.269	2.66
56)	T	Ethyl methacry...	0.392	0.407	0.404	0.375	0.418	0.418	0.402	4.12

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y080221S.M

57)	T	1,3-Dichloropr...	0.492	0.479	0.479	0.453	0.473	0.468	0.474	2.79
58)	T	2-Chloroethyl ...	0.185	0.182	0.183	0.185	0.211	0.208	0.192	6.88
59)	T	2-Hexanone	0.194	0.209	0.205	0.178	0.209	0.205	0.200	6.00
60)	T	Dibromochlorom...	0.339	0.342	0.336	0.317	0.334	0.327	0.333	2.73
61)	T	1,2-Dibromoethane	0.259	0.262	0.259	0.240	0.254	0.253	0.255	3.10
62)	S	4-Bromofluorob...	0.420	0.383	0.376	0.394	0.373	0.387	0.389	4.35
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.414	0.402	0.384	0.372	0.362	0.349	0.381	6.45
65)	PM	Chlorobenzene	1.034	1.034	1.012	0.998	0.991	0.968	1.006	2.58
66)	T	1,1,1,2-Tetrac...	0.384	0.387	0.374	0.376	0.377	0.374	0.379	1.48
67)	C	Ethyl Benzene	1.831	1.858	1.812	1.838	1.821	1.786	1.824	1.34#
68)	T	m/p-Xylenes	0.705	0.720	0.710	0.715	0.708	0.695	0.709	1.21
69)	T	o-Xylene	0.693	0.692	0.675	0.680	0.680	0.666	0.681	1.52
70)	T	Styrene	1.138	1.157	1.143	1.148	1.155	1.139	1.146	0.69
71)	P	Bromoform	0.248	0.248	0.251	0.235	0.247	0.244	0.246	2.32
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.419	3.494	3.455	3.622	3.523	3.429	3.490	2.16
74)	T	N-amyl acetate	0.990	1.058	1.061	1.011	1.092	1.093	1.051	4.03
75)	P	1,1,2,2-Tetrac...	0.678	0.693	0.667	0.631	0.679	0.680	0.671	3.17
76)	T	1,2,3-Trichlor...	0.544	0.530	0.511	0.490	0.518	0.515	0.518	3.53
77)	T	Bromobenzene	0.857	0.872	0.835	0.866	0.865	0.851	0.857	1.56
78)	T	n-propylbenzene	4.103	4.197	4.070	4.291	4.162	4.050	4.145	2.18
79)	T	2-Chlorotoluene	2.329	2.348	2.289	2.390	2.329	2.282	2.328	1.71
80)	T	1,3,5-Trimethy...	2.869	2.927	2.886	2.990	2.875	2.832	2.896	1.90
81)	T	trans-1,4-Dich...	0.263	0.254	0.259	0.238	0.261	0.267	0.257	4.01
82)	T	4-Chlorotoluene	2.418	2.451	2.371	2.468	2.397	2.345	2.408	1.95
83)	T	tert-Butylbenzene	2.590	2.603	2.576	2.687	2.592	2.547	2.599	1.83
84)	T	1,2,4-Trimethy...	2.784	2.859	2.842	2.946	2.886	2.831	2.858	1.92
85)	T	sec-Butylbenzene	3.725	3.787	3.687	3.927	3.740	3.625	3.749	2.74
86)	T	p-Isopropyltol...	3.161	3.217	3.174	3.350	3.222	3.187	3.219	2.13
87)	T	1,3-Dichlorobe...	1.691	1.694	1.646	1.702	1.664	1.642	1.673	1.55
88)	T	1,4-Dichlorobe...	1.722	1.707	1.671	1.660	1.609	1.590	1.660	3.16
89)	T	n-Butylbenzene	2.882	2.938	2.916	3.018	2.903	2.839	2.916	2.06
90)	T	Hexachloroethane	0.582	0.579	0.568	0.594	0.579	0.571	0.579	1.56
91)	T	1,2-Dichlorobe...	1.541	1.496	1.474	1.467	1.458	1.432	1.478	2.52
92)	T	1,2-Dibromo-3-...	0.129	0.133	0.131	0.113	0.129	0.128	0.127	5.83
93)	T	1,2,4-Trichlor...	1.013	1.006	1.029	0.998	1.014	1.030	1.015	1.23
94)	T	Hexachlorobuta...	0.683	0.657	0.653	0.672	0.645	0.633	0.657	2.75
95)	T	Naphthalene	1.981	1.903	2.037	1.873	2.073	2.141	2.001	5.11
96)	T	1,2,3-Trichlor...	0.896	0.895	0.904	0.873	0.903	0.925	0.899	1.87

(#) = Out of Range