Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y030321S.M
Title : SW846 8260
Last Update : Wed Mar 03 13:45:36 2021
Response Via : Initial Calibration

Calibration Files
5 =VY004052.D 10 =VY004053.D 20 =VY004054.D 50 =VY004055.D 100 =VY004056.D 150 =VY004057.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.465	0.483	0.458	0.329	0.290	0.326	0.392	21.90
3)	P	Chloromethane	0.536	0.540	0.478	0.402	0.354	0.396	0.451	17.39
4)	C	Vinyl Chloride	0.617	0.616	0.557	0.483	0.425	0.462	0.527	15.55#
5)	T	Bromomethane	0.439	0.400	0.398	0.345	0.309	0.348	0.373	12.70
6)	T	Chloroethane	0.398	0.379	0.364	0.309	0.269	0.295	0.336	15.40
7)	T	Trichlorofluor...	0.969	0.869	0.841	0.805	0.682	0.752	0.820	12.06
8)	T	Diethyl Ether	0.250	0.260	0.257	0.244	0.239	0.230	0.247	4.55
9)	T	1,1,2-Trichlor...	0.483	0.490	0.464	0.439	0.391	0.412	0.446	8.89
10)	T	Methyl Iodide	0.521	0.546	0.538	0.562	0.486	0.529	0.530	4.87
11)	T	Tert butyl alc...	0.043	0.035	0.045	0.037	0.040	0.033	0.039	12.01
12)	CM	1,1-Dichloroet...	0.475	0.472	0.450	0.426	0.376	0.408	0.435	8.94#
13)	T	Acrolein	0.036	0.037	0.040	0.041	0.040	0.038	0.039	5.42
14)	T	Allyl chloride	0.629	0.649	0.622	0.613	0.553	0.601	0.611	5.33
15)	T	Acrylonitrile	0.141	0.116	0.125	0.118	0.111	0.107	0.119	10.19
16)	T	Acetone	0.097	0.096	0.102	0.097	0.088	0.081	0.093	8.15
17)	T	Carbon Disulfide	1.405	1.439	1.368	1.384	1.099	1.166	1.310	10.79
18)	T	Methyl Acetate	0.272	0.237	0.263	0.248	0.241	0.233	0.249	6.20
19)	T	Methyl tert-bu...	1.394	1.181	1.224	1.178	1.078	1.103	1.193	9.40
20)	T	Methylene Chlo...	0.817	0.681	0.561	0.505	0.424	0.486	0.579	25.10
21)	T	trans-1,2-Dich...	0.618	0.533	0.523	0.501	0.443	0.478	0.516	11.53
22)	T	Diisopropyl ether	1.615	1.551	1.562	1.380	1.241	1.335	1.447	10.33
23)	T	Vinyl Acetate	0.974	0.966	1.004	0.887	0.835	0.847	0.919	7.78
24)	P	1,1-Dichloroet...	1.003	0.951	0.924	0.801	0.711	0.770	0.860	13.40
25)	T	2-Butanone	0.145	0.139	0.157	0.166	0.151	0.144	0.150	6.50
26)	T	2,2-Dichloropr...	0.794	0.801	0.747	0.829	0.729	0.758	0.776	4.84
27)	T	cis-1,2-Dichlo...	0.579	0.586	0.575	0.646	0.563	0.588	0.589	4.94
28)	T	Bromochloromet...	0.316	0.343	0.372	0.359	0.339	0.328	0.343	5.96
29)	T	Tetrahydrofuran	0.094	0.087	0.103	0.096	0.105	0.090	0.096	7.22
30)	C	Chloroform	0.912	0.920	0.881	0.861	0.845	0.906	0.888	3.40#
31)	T	Cyclohexane	0.903	0.874	0.778	0.723	0.716	0.715	0.785	10.71
32)	T	1,1,1-Trichlor...	0.847	0.848	0.807	0.789	0.781	0.821	0.816	3.48
33)	S	1,2-Dichloroet...	0.480	0.447	0.469	0.456	0.444	0.431	0.455	3.95
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.268	0.280	0.316	0.316	0.341	0.337	0.310	9.59
36)	T	1,1-Dichloropr...	0.424	0.415	0.453	0.445	0.497	0.436	0.445	6.48
37)	T	Ethyl Acetate	0.189	0.186	0.242	0.244	0.251	0.222	0.222	12.98
38)	T	Carbon Tetrach...	0.438	0.460	0.508	0.491	0.558	0.482	0.489	8.48
39)	T	Methylcyclohexane	0.621	0.621	0.666	0.577	0.577	0.563	0.604	6.44
40)	TM	Benzene	1.183	1.217	1.332	1.315	1.445	1.261	1.292	7.26
41)	T	Methacrylonitrile	0.121	0.135	0.147	0.123	0.145	0.104	0.129	12.60
42)	TM	1,2-Dichloroet...	0.339	0.340	0.382	0.373	0.394	0.350	0.363	6.43
43)	T	Isopropyl Acetate	0.352	0.403	0.446	0.427	0.468	0.403	0.417	9.65
44)	TM	Trichloroethene	0.434	0.424	0.413	0.398	0.393	0.383	0.408	4.72
45)	C	1,2-Dichloropr...	0.321	0.333	0.361	0.321	0.315	0.303	0.326	6.17#
46)	T	Dibromomethane	0.198	0.166	0.209	0.188	0.190	0.177	0.188	8.08
47)	T	Bromodichlorom...	0.459	0.414	0.506	0.459	0.455	0.443	0.456	6.60
48)	T	Methyl methacr...	0.198	0.168	0.219	0.203	0.216	0.190	0.199	9.42
49)	T	1,4-Dioxane	0.002	0.002	0.003	0.002	0.003	0.002	0.002	11.93
50)	S	Toluene-d8	1.227	1.061	1.380	1.355	1.185	1.277	1.247	9.45
51)	T	4-Methyl-2-Pen...	0.217	0.178	0.259	0.224	0.241	0.206	0.221	12.61
52)	CM	Toluene	0.892	0.790	0.978	0.963	0.854	0.932	0.901	7.91#
53)	T	t-1,3-Dichloro...	0.483	0.420	0.477	0.538	0.487	0.499	0.484	7.87
54)	T	cis-1,3-Dichlo...	0.541	0.472	0.623	0.546	0.542	0.525	0.542	8.91
55)	T	1,1,2-Trichlor...	0.276	0.240	0.278	0.308	0.274	0.280	0.276	7.88
56)	T	Ethyl methacry...	0.352	0.272	0.356	0.394	0.368	0.358	0.350	11.70

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57)	T	1,3-Dichloropr...	0.399	0.394	0.466	0.506	0.453	0.470	0.448	9.69
58)	T	2-Chloroethyl ...	0.172	0.135	0.197	0.141	0.152	0.132	0.155	16.46
59)	T	2-Hexanone	0.125	0.124	0.164	0.169	0.168	0.145	0.149	13.95
60)	T	Dibromochlorom...	0.299	0.308	0.355	0.392	0.355	0.373	0.347	10.47
61)	T	1,2-Dibromoethane	0.236	0.236	0.273	0.292	0.268	0.280	0.264	8.81
62)	S	4-Bromofluorob...	0.356	0.412	0.405	0.412	0.408	0.442	0.406	6.89
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.540	0.524	0.494	0.498	0.453	0.445	0.492	7.68
65)	PM	Chlorobenzene	1.087	1.108	1.060	0.992	1.026	1.015	1.048	4.25
66)	T	1,1,1,2-Tetrac...	0.396	0.424	0.394	0.371	0.397	0.376	0.393	4.78
67)	C	Ethyl Benzene	1.843	1.891	1.830	1.732	1.825	1.727	1.808	3.61#
68)	T	m/p-Xylenes	0.722	0.762	0.711	0.682	0.714	0.692	0.714	3.92
69)	T	o-Xylene	0.704	0.774	0.647	0.633	0.666	0.658	0.680	7.62
70)	T	Styrene	1.105	1.324	1.134	1.094	1.153	1.121	1.155	7.39
71)	P	Bromoform	0.239	0.282	0.252	0.236	0.260	0.233	0.250	7.34
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.416	4.079	3.386	3.523	3.146	3.936	3.581	9.93
74)	T	N-amyl acetate	0.777	0.875	0.867	0.851	0.813	0.810	0.832	4.60
75)	P	1,1,2,2-Tetrac...	0.600	0.675	0.618	0.623	0.583	0.649	0.625	5.32
76)	T	1,2,3-Trichlor...	0.468	0.607	0.486	0.467	0.445	0.444	0.486	12.66
77)	T	Bromobenzene	0.944	1.028	0.876	0.885	0.785	0.907	0.904	8.88
78)	T	n-propylbenzene	4.115	4.841	3.932	4.143	3.633	4.112	4.129	9.65
79)	T	2-Chlorotoluene	2.252	2.695	2.199	2.258	2.010	2.268	2.280	9.87
80)	T	1,3,5-Trimethy...	2.887	3.357	2.806	2.935	2.602	2.894	2.914	8.50
81)	T	trans-1,4-Dich...	0.246	0.268	0.240	0.242	0.228	0.255	0.247	5.52
82)	T	4-Chlorotoluene	2.346	2.796	2.309	2.407	2.112	2.377	2.391	9.38
83)	T	tert-Butylbenzene	2.531	3.007	2.502	2.601	2.276	2.573	2.581	9.23
84)	T	1,2,4-Trimethy...	2.917	3.416	2.899	2.977	2.592	2.896	2.949	9.00
85)	T	sec-Butylbenzene	3.458	3.640	3.434	3.615	3.147	3.496	3.465	5.10
86)	T	p-Isopropyltol...	3.286	3.379	3.249	3.394	2.949	3.299	3.259	4.97
87)	T	1,3-Dichlorobe...	1.722	1.762	1.667	1.702	1.483	1.670	1.668	5.81
88)	T	1,4-Dichlorobe...	1.767	1.749	1.662	1.673	1.634	1.621	1.684	3.60
89)	T	n-Butylbenzene	2.995	3.141	2.962	3.103	2.923	2.972	3.016	2.86
90)	T	Hexachloroethane	0.597	0.608	0.579	0.622	0.579	0.611	0.599	2.98
91)	T	1,2-Dichlorobe...	1.571	1.562	1.495	1.509	1.473	1.462	1.512	2.99
92)	T	1,2-Dibromo-3-...	0.116	0.099	0.118	0.101	0.109	0.098	0.107	8.23
93)	T	1,2,4-Trichlor...	1.192	1.051	1.174	1.045	1.049	1.017	1.088	6.89
94)	T	Hexachlorobuta...	0.763	0.675	0.704	0.644	0.584	0.581	0.659	10.71
95)	T	Naphthalene	1.959	1.819	2.248	1.931	1.961	1.899	1.970	7.43
96)	T	1,2,3-Trichlor...	0.920	0.889	1.010	0.895	0.799	0.874	0.898	7.62

(#) = Out of Range