Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y072622S.M
Title : SW846 8260
Last Update : Wed Jul 27 04:24:58 2022
Response Via : Initial Calibration

Calibration Files
5 =VY009693.D 10 =VY009694.D 20 =VY009695.D 50 =VY009696.D 100 =VY009697.D 150 =VY009698.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.531	0.472	0.467	0.417	0.394	0.390	0.445	12.32
3)	P	Chloromethane	0.501	0.622	0.582	0.548	0.518	0.499	0.545	9.07
4)	C	Vinyl Chloride	0.563	0.690	0.647	0.609	0.586	0.554	0.608	8.59#
5)	T	Bromomethane	0.457	0.481	0.432	0.424	0.394	0.342	0.422	11.67
6)	T	Chloroethane	0.343	0.407	0.381	0.371	0.354	0.328	0.364	7.80
7)	T	Trichlorofluor...	0.804	0.866	0.827	0.789	0.771	0.763	0.803	4.78
8)	T	Diethyl Ether	0.254	0.270	0.267	0.260	0.257	0.254	0.260	2.62
9)	T	1,1,2-Trichlor...	0.451	0.488	0.467	0.449	0.439	0.431	0.454	4.50
10)	T	Methyl Iodide	0.424	0.610	0.618	0.635	0.638	0.611	0.590	13.88
11)	T	Tert butyl alc...	0.075	0.041	0.059	0.046	0.046	0.051	0.053	23.20
12)	CM	1,1-Dichloroet...	0.395	0.450	0.440	0.432	0.426	0.420	0.427	4.43#
13)	T	Acrolein	0.010	0.009	0.010	0.007	0.008	0.008	0.009	15.91
14)	T	Allyl chloride	0.625	0.711	0.679	0.671	0.677	0.666	0.672	4.10
15)	T	Acrylonitrile	0.117	0.119	0.128	0.127	0.130	0.132	0.125	4.88
16)	T	Acetone	0.136	0.104	0.109	0.141	0.121	0.107	0.120	13.28
17)	T	Carbon Disulfide	1.019	1.468	1.395	1.355	1.336	1.312	1.314	11.76
18)	T	Methyl Acetate	0.560	0.302	0.322	0.294	0.300	0.306	0.347	30.13
19)	T	Methyl tert-bu...	1.060	1.124	1.173	1.204	1.219	1.218	1.166	5.43
20)	T	Methylene Chlo...	1.131	1.314	0.698	0.565	0.531	0.495	0.789	44.04
21)	T	trans-1,2-Dich...	0.437	0.536	0.512	0.502	0.501	0.490	0.496	6.66
22)	T	Diisopropyl ether	1.278	1.466	1.456	1.464	1.477	1.439	1.430	5.28
23)	T	Vinyl Acetate	0.607	0.862	0.921	0.962	0.984	0.979	0.886	16.23
24)	P	1,1-Dichloroet...	0.799	0.885	0.831	0.824	0.826	0.807	0.829	3.66
25)	T	2-Butanone	0.180	0.154	0.169	0.192	0.184	0.179	0.176	7.59
26)	T	2,2-Dichloropr...	0.910	0.796	0.793	0.764	0.742	0.723	0.788	8.35
27)	T	cis-1,2-Dichlo...	0.525	0.574	0.566	0.561	0.564	0.551	0.557	3.10
28)	T	Bromochloromet...	0.310	0.296	0.297	0.296	0.299	0.293	0.299	2.02
29)	T	Tetrahydrofuran	0.101	0.100	0.114	0.117	0.118	0.121	0.112	8.21
30)	C	Chloroform	0.868	0.908	0.873	0.862	0.858	0.833	0.867	2.82#
31)	T	Cyclohexane	0.817	0.854	0.797	0.781	0.768	0.756	0.796	4.51
32)	T	1,1,1-Trichlor...	0.756	0.805	0.792	0.784	0.774	0.758	0.778	2.45
33)	S	1,2-Dichloroet...	0.430	0.455	0.469	0.322	0.318	0.309	0.384	19.59
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.270	0.310	0.306	0.248	0.251	0.247	0.272	10.63
36)	T	1,1-Dichloropr...	0.380	0.475	0.453	0.453	0.451	0.442	0.442	7.31
37)	T	Ethyl Acetate	0.279	0.240	0.262	0.266	0.260	0.268	0.262	4.90
38)	T	Carbon Tetrach...	0.441	0.508	0.474	0.479	0.473	0.469	0.474	4.53
39)	T	Methylcyclohexane	0.460	0.557	0.544	0.578	0.578	0.570	0.548	8.21
40)	TM	Benzene	1.217	1.368	1.343	1.329	1.319	1.289	1.311	4.04
41)	T	Methacrylonitrile	0.130	0.114	0.132	0.138	0.144	0.145	0.134	8.46
42)	TM	1,2-Dichloroet...	0.348	0.373	0.379	0.369	0.369	0.356	0.366	3.10
43)	T	Isopropyl Acetate	0.412	0.427	0.463	0.476	0.484	0.487	0.458	6.92
44)	TM	Trichloroethene	0.352	0.390	0.381	0.378	0.381	0.375	0.376	3.46
45)	C	1,2-Dichloropr...	0.303	0.325	0.317	0.325	0.322	0.317	0.318	2.55#
46)	T	Dibromomethane	0.168	0.188	0.197	0.195	0.195	0.194	0.189	5.79
47)	T	Bromodichlorom...	0.408	0.448	0.415	0.450	0.450	0.439	0.435	4.33
48)	T	Methyl methacr...	0.167	0.183	0.203	0.213	0.223	0.221	0.201	11.10
49)	T	1,4-Dioxane	0.002	0.002	0.003	0.002	0.003	0.003	0.002	15.69
50)	S	Toluene-d8	0.947	1.192	1.111	0.704	0.761	0.752	0.911	22.52
51)	T	4-Methyl-2-Pen...	0.216	0.218	0.211	0.231	0.259	0.264	0.233	9.83
52)	CM	Toluene	0.757	0.876	0.793	0.795	0.862	0.844	0.821	5.67#
53)	T	t-1,3-Dichloro...	0.411	0.445	0.437	0.443	0.485	0.475	0.449	6.00
54)	T	cis-1,3-Dichlo...	0.474	0.520	0.488	0.540	0.543	0.532	0.516	5.58
55)	T	1,1,2-Trichlor...	0.263	0.269	0.272	0.255	0.277	0.271	0.268	2.85
56)	T	Ethyl methacry...	0.273	0.303	0.302	0.340	0.390	0.393	0.334	14.84

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57)	T	1,3-Dichloropr...	0.400	0.442	0.454	0.415	0.456	0.445	0.436	5.18
58)	T	2-Chloroethyl ...	0.128	0.100	0.105	0.173	0.181	0.183	0.145	26.62
59)	T	2-Hexanone	0.137	0.145	0.168	0.174	0.187	0.186	0.166	12.68
60)	T	Dibromochlorom...	0.298	0.327	0.334	0.309	0.343	0.333	0.324	5.23
61)	T	1,2-Dibromoethane	0.239	0.260	0.268	0.250	0.275	0.272	0.261	5.29
62)	S	4-Bromofluorob...	0.336	0.388	0.395	0.354	0.333	0.357	0.361	7.16
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.394	0.408	0.398	0.385	0.395	0.385	0.394	2.18
65)	PM	Chlorobenzene	0.991	1.059	1.005	0.995	0.994	0.976	1.003	2.88
66)	T	1,1,1,2-Tetrac...	0.361	0.379	0.372	0.373	0.379	0.376	0.373	1.81
67)	C	Ethyl Benzene	1.560	1.761	1.742	1.772	1.789	1.782	1.734	5.00#
68)	T	m/p-Xylenes	0.580	0.718	0.703	0.712	0.714	0.704	0.688	7.79
69)	T	o-Xylene	0.526	0.662	0.651	0.668	0.680	0.676	0.644	9.15
70)	T	Styrene	0.862	1.085	1.091	1.134	1.165	1.156	1.082	10.42
71)	P	Bromoform	0.216	0.236	0.243	0.246	0.237	0.252	0.238	5.18
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.974	3.344	3.313	3.421	3.434	3.457	3.324	5.42
74)	T	N-amyl acetate	0.640	0.778	0.878	0.932	0.936	0.987	0.859	14.97
75)	P	1,1,2,2-Tetrac...	0.608	0.649	0.681	0.670	0.625	0.690	0.654	4.95
76)	T	1,2,3-Trichlor...	0.446	0.456	0.482	0.484	0.433	0.486	0.464	4.81
77)	T	Bromobenzene	0.770	0.852	0.828	0.838	0.823	0.841	0.825	3.50
78)	T	n-propylbenzene	3.443	4.102	3.985	4.102	3.977	4.091	3.950	6.46
79)	T	2-Chlorotoluene	2.066	2.325	2.235	2.294	2.225	2.268	2.235	4.07
80)	T	1,3,5-Trimethy...	2.436	2.799	2.771	2.848	2.849	2.824	2.755	5.76
81)	T	trans-1,4-Dich...	0.203	0.220	0.231	0.244	0.237	0.262	0.233	8.79
82)	T	4-Chlorotoluene	2.135	2.427	2.334	2.370	2.338	2.349	2.325	4.28
83)	T	tert-Butylbenzene	2.364	2.480	2.445	2.523	2.532	2.509	2.476	2.56
84)	T	1,2,4-Trimethy...	2.578	2.808	2.759	2.834	2.858	2.821	2.777	3.69
85)	T	sec-Butylbenzene	3.600	3.739	3.627	3.726	3.472	3.644	3.635	2.66
86)	T	p-Isopropyltol...	2.910	3.137	3.060	3.176	3.041	3.121	3.074	3.08
87)	T	1,3-Dichlorobe...	1.729	1.733	1.631	1.657	1.607	1.642	1.667	3.16
88)	T	1,4-Dichlorobe...	1.746	1.775	1.659	1.647	1.640	1.604	1.678	3.97
89)	T	n-Butylbenzene	2.737	2.817	2.766	2.912	2.832	2.834	2.816	2.16
90)	T	Hexachloroethane	0.632	0.609	0.593	0.589	0.624	0.581	0.605	3.37
91)	T	1,2-Dichlorobe...	1.518	1.540	1.451	1.477	1.510	1.436	1.489	2.75
92)	T	1,2-Dibromo-3-...	0.114	0.099	0.106	0.111	0.117	0.112	0.110	5.73
93)	T	1,2,4-Trichlor...	0.927	0.934	0.892	0.944	1.006	0.934	0.939	3.97
94)	T	Hexachlorobuta...	0.619	0.607	0.555	0.552	0.565	0.515	0.569	6.71
95)	T	Naphthalene	1.587	1.556	1.649	1.867	2.048	1.859	1.761	11.02
96)	T	1,2,3-Trichlor...	0.876	0.806	0.784	0.816	0.873	0.775	0.822	5.32

(#) = Out of Range