Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y010721S.M
Title : SW846 8260
Last Update : Fri Jan 08 04:34:36 2021
Response Via : Initial Calibration

Calibration Files
5 =VY003875.D 10 =VY003876.D 20 =VY003877.D 50 =VY003878.D 100 =VY003879.D 150 =VY003880.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.484	0.664	0.551	0.443	0.516	0.396	0.509	18.33
3)	P	Chloromethane	0.654	0.802	0.658	0.570	0.656	0.504	0.641	15.70
4)	C	Vinyl Chloride	0.724	0.846	0.711	0.622	0.728	0.575	0.701	13.47#
5)	T	Bromomethane	0.717	0.672	0.594	0.474	0.499	0.456	0.569	19.24
6)	T	Chloroethane	0.458	0.477	0.463	0.404	0.422	0.376	0.433	9.09
7)	T	Trichlorofluor...	0.982	1.064	1.033	0.910	0.939	0.832	0.960	8.84
8)	T	Diethyl Ether	0.332	0.332	0.315	0.293	0.306	0.262	0.307	8.60
9)	T	1,1,2-Trichlor...	0.563	0.573	0.553	0.506	0.511	0.453	0.526	8.63
10)	T	Methyl Iodide	0.237	0.416	0.577	0.671	0.715	0.640	0.543	33.59
11)	T	Tert butyl alc...	0.066	0.060	0.057	0.048	0.057	0.043	0.055	14.89
12)	CM	1,1-Dichloroet...	0.525	0.541	0.531	0.493	0.495	0.442	0.505	7.22#
13)	T	Acrolein	0.069	0.066	0.064	0.061	0.067	0.056	0.064	7.67
14)	T	Allyl chloride	0.931	0.947	0.956	0.911	0.933	0.836	0.919	4.74
15)	T	Acrylonitrile	0.166	0.171	0.168	0.151	0.165	0.134	0.159	8.83
16)	T	Acetone	0.144	0.140	0.136	0.122	0.144	0.113	0.133	9.66
17)	T	Carbon Disulfide	1.678	1.716	1.699	1.556	1.549	1.373	1.595	8.18
18)	T	Methyl Acetate	0.467	0.402	0.382	0.344	0.379	0.311	0.381	13.93
19)	T	Methyl tert-bu...	1.454	1.537	1.514	1.446	1.533	1.306	1.465	5.94
20)	T	Methylene Chlo...	1.008	0.738	0.674	0.592	0.567	0.501	0.680	26.59
21)	T	trans-1,2-Dich...	0.598	0.615	0.609	0.571	0.575	0.510	0.580	6.62
22)	T	Diisopropyl ether	1.784	1.923	1.922	1.855	1.882	1.635	1.834	6.01
23)	T	Vinyl Acetate	1.141	1.260	1.281	1.218	1.296	1.101	1.216	6.53
24)	P	1,1-Dichloroet...	1.069	1.052	1.033	0.995	0.999	0.891	1.006	6.34
25)	T	2-Butanone	0.221	0.217	0.213	0.196	0.223	0.179	0.208	8.42
26)	T	2,2-Dichloropr...	0.990	0.986	0.971	0.902	0.926	0.824	0.933	6.84
27)	T	cis-1,2-Dichlo...	0.676	0.670	0.654	0.636	0.646	0.571	0.642	5.87
28)	T	Bromochloromet...	0.484	0.455	0.441	0.463	0.442	0.405	0.448	5.93
29)	T	Tetrahydrofuran	0.146	0.152	0.147	0.137	0.151	0.120	0.142	8.59
30)	C	Chloroform	1.115	1.121	1.098	1.042	1.049	0.928	1.059	6.82#
31)	T	Cyclohexane	1.093	1.031	1.019	0.940	0.951	0.842	0.979	8.93
32)	T	1,1,1-Trichlor...	0.973	1.033	1.014	0.943	0.978	0.863	0.967	6.24
33)	S	1,2-Dichloroet...	0.697	0.682	0.646	0.611	0.640	0.581	0.643	6.74
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.413	0.406	0.397	0.394	0.402	0.374	0.398	3.39
36)	T	1,1-Dichloropr...	0.590	0.602	0.606	0.573	0.589	0.528	0.581	4.94
37)	T	Ethyl Acetate	0.354	0.370	0.379	0.321	0.363	0.294	0.347	9.52
38)	T	Carbon Tetrach...	0.643	0.702	0.689	0.623	0.660	0.592	0.652	6.28
39)	T	Methylcyclohexane	0.670	0.721	0.740	0.699	0.739	0.669	0.706	4.56
40)	TM	Benzene	1.666	1.709	1.731	1.627	1.643	1.476	1.642	5.50
41)	T	Methacrylonitrile	0.166	0.186	0.186	0.200	0.192	0.162	0.182	8.17
42)	TM	1,2-Dichloroet...	0.540	0.568	0.574	0.513	0.545	0.474	0.536	6.97
43)	T	Isopropyl Acetate	0.645	0.676	0.684	0.615	0.691	0.578	0.648	6.89
44)	TM	Trichloroethene	0.498	0.508	0.513	0.479	0.491	0.438	0.488	5.56
45)	C	1,2-Dichloropr...	0.427	0.438	0.441	0.416	0.419	0.375	0.419	5.69#
46)	T	Dibromomethane	0.248	0.251	0.250	0.229	0.240	0.210	0.238	6.66
47)	T	Bromodichlorom...	0.599	0.613	0.619	0.581	0.604	0.535	0.592	5.17
48)	T	Methyl methacr...	0.307	0.318	0.331	0.295	0.335	0.283	0.311	6.57
49)	T	1,4-Dioxane	0.003	0.004	0.003	0.003	0.003	0.003	0.003	9.06
50)	S	Toluene-d8	1.576	1.577	1.558	1.550	1.596	1.488	1.558	2.43
51)	T	4-Methyl-2-Pen...	0.337	0.357	0.363	0.327	0.367	0.298	0.341	7.75
52)	CM	Toluene	1.043	1.113	1.109	1.051	1.081	0.970	1.061	4.99#
53)	T	t-1,3-Dichloro...	0.611	0.663	0.661	0.620	0.659	0.575	0.631	5.66
54)	T	cis-1,3-Dichlo...	0.701	0.727	0.742	0.693	0.719	0.642	0.704	4.96
55)	T	1,1,2-Trichlor...	0.358	0.366	0.354	0.329	0.348	0.299	0.342	7.17
56)	T	Ethyl methacry...	0.438	0.455	0.476	0.457	0.506	0.426	0.460	6.21

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57)	T	1,3-Dichloropr...	0.593	0.604	0.616	0.574	0.599	0.516	0.584	6.17
58)	T	2-Chloroethyl ...	0.245	0.242	0.243	0.212	0.230	0.202	0.229	7.96
59)	T	2-Hexanone	0.222	0.243	0.251	0.227	0.262	0.206	0.235	8.76
60)	T	Dibromochlorom...	0.457	0.456	0.459	0.434	0.458	0.403	0.445	5.08
61)	T	1,2-Dibromoethane	0.343	0.347	0.355	0.324	0.344	0.296	0.335	6.46
62)	S	4-Bromofluorob...	0.578	0.540	0.555	0.555	0.573	0.522	0.554	3.78
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.614	0.618	0.606	0.576	0.583	0.529	0.588	5.68
65)	PM	Chlorobenzene	1.278	1.287	1.280	1.228	1.249	1.126	1.241	4.90
66)	T	1,1,1,2-Tetrac...	0.494	0.509	0.502	0.484	0.498	0.448	0.489	4.49
67)	C	Ethyl Benzene	2.089	2.241	2.287	2.194	2.267	2.056	2.189	4.38#
68)	T	m/p-Xylenes	0.794	0.861	0.892	0.838	0.863	0.787	0.839	4.94
69)	T	o-Xylene	0.737	0.779	0.818	0.791	0.808	0.736	0.778	4.50
70)	T	Styrene	1.245	1.348	1.410	1.374	1.413	1.269	1.343	5.31
71)	P	Bromoform	0.329	0.340	0.336	0.312	0.332	0.286	0.322	6.36
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.553	3.788	3.865	3.821	4.059	3.661	3.791	4.60
74)	T	N-amyl acetate	1.057	1.103	1.128	1.085	1.235	1.022	1.105	6.66
75)	P	1,1,2,2-Tetrac...	0.718	0.751	0.707	0.689	0.741	0.619	0.704	6.76
76)	T	1,2,3-Trichlor...	0.596	0.583	0.600	0.546	0.587	0.494	0.568	7.24
77)	T	Bromobenzene	0.990	1.040	1.040	0.990	1.041	0.932	1.005	4.35
78)	T	n-propylbenzene	4.209	4.493	4.667	4.539	4.714	4.273	4.483	4.57
79)	T	2-Chlorotoluene	2.464	2.596	2.648	2.573	2.704	2.423	2.568	4.18
80)	T	1,3,5-Trimethy...	2.973	3.265	3.399	3.279	3.429	3.100	3.241	5.42
81)	T	trans-1,4-Dich...	0.283	0.295	0.294	0.274	0.308	0.262	0.286	5.73
82)	T	4-Chlorotoluene	2.614	2.785	2.837	2.725	2.818	2.547	2.721	4.31
83)	T	tert-Butylbenzene	2.687	2.822	2.880	2.875	3.025	2.697	2.831	4.49
84)	T	1,2,4-Trimethy...	3.014	3.276	3.440	3.310	3.455	3.102	3.266	5.46
85)	T	sec-Butylbenzene	3.673	3.898	4.018	3.887	4.083	3.656	3.869	4.52
86)	T	p-Isopropyltol...	3.378	3.638	3.822	3.689	3.900	3.498	3.654	5.34
87)	T	1,3-Dichlorobe...	1.873	1.976	1.974	1.888	1.990	1.768	1.911	4.50
88)	T	1,4-Dichlorobe...	1.968	1.938	1.959	1.871	1.932	1.716	1.897	5.01
89)	T	n-Butylbenzene	3.147	3.315	3.488	3.363	3.491	3.124	3.321	4.81
90)	T	Hexachloroethane	0.652	0.686	0.693	0.676	0.717	0.637	0.677	4.29
91)	T	1,2-Dichlorobe...	1.720	1.743	1.788	1.685	1.742	1.535	1.702	5.21
92)	T	1,2-Dibromo-3-...	0.150	0.160	0.149	0.128	0.146	0.120	0.142	10.56
93)	T	1,2,4-Trichlor...	1.207	1.232	1.304	1.210	1.284	1.152	1.232	4.51
94)	T	Hexachlorobuta...	0.850	0.887	0.898	0.809	0.841	0.746	0.839	6.65
95)	T	Naphthalene	2.005	2.111	2.258	2.153	2.458	2.088	2.179	7.33
96)	T	1,2,3-Trichlor...	1.059	1.067	1.131	1.044	1.136	1.000	1.073	4.89

(#) = Out of Range