

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y02221S.M
 Title : SW846 8260
 Last Update : Tue Feb 23 03:42:58 2021
 Response Via : Initial Calibration

Calibration Files

5 =VY004029.D 10 =VY004030.D 20 =VY004031.D 50 =VY004032.D 100 =VY004033.D 150 =VY004034.D

	Compound	5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.475	0.557	0.556	0.411	0.457	0.392	0.475	14.81
3) P	Chloromethane	0.739	0.792	0.784	0.630	0.708	0.600	0.709	11.19
4) C	Vinyl Chloride	0.672	0.725	0.738	0.635	0.727	0.628	0.687	7.10#
5) T	Bromomethane	0.492	0.493	0.466	0.420	0.442	0.452	0.461	6.25
6) T	Chloroethane	0.398	0.441	0.443	0.401	0.414	0.394	0.415	5.22
7) T	Trichlorofluor...	0.882	0.902	0.907	0.831	0.839	0.797	0.860	5.13
8) T	Diethyl Ether	0.291	0.294	0.274	0.273	0.256	0.264	0.275	5.41
9) T	1,1,2-Trichlor...	0.466	0.480	0.463	0.464	0.445	0.439	0.460	3.31
10) T	Methyl Iodide	0.480	0.561	0.573	0.628	0.616	0.607	0.577	9.42
11) T	Tert butyl alc...	0.138	0.105	0.083	0.057	0.053	0.061	0.083	40.14
12) CM	1,1-Dichloroet...	0.459	0.492	0.467	0.469	0.441	0.442	0.462	4.17#
13) T	Acrolein	0.055	0.058	0.056	0.056	0.050	0.058	0.055	5.33
14) T	Allyl chloride	0.839	0.892	0.911	0.884	0.863	0.861	0.875	2.94
15) T	Acrylonitrile	0.140	0.158	0.144	0.142	0.138	0.149	0.145	5.02
16) T	Acetone	0.158	0.159	0.133	0.137	0.120	0.139	0.141	10.87
17) T	Carbon Disulfide	1.456	1.573	1.541	1.518	1.430	1.432	1.491	4.07
18) T	Methyl Acetate	0.323	0.360	0.335	0.323	0.309	0.338	0.331	5.24
19) T	Methyl tert-bu...	1.298	1.435	1.377	1.334	1.320	1.368	1.355	3.61
20) T	Methylene Chlo...	0.649	0.654	0.585	0.531	0.504	0.498	0.570	12.31
21) T	trans-1,2-Dich...	0.513	0.524	0.531	0.528	0.516	0.502	0.519	2.12
22) T	Diisopropyl ether	1.691	1.760	1.745	1.733	1.691	1.700	1.720	1.75
23) T	Vinyl Acetate	1.142	1.213	1.161	1.158	1.130	1.183	1.165	2.56
24) P	1,1-Dichloroet...	0.898	0.950	0.929	0.934	0.907	0.901	0.920	2.28
25) T	2-Butanone	0.209	0.219	0.196	0.193	0.184	0.205	0.201	6.21
26) T	2,2-Dichloropr...	0.813	0.890	0.870	0.846	0.855	0.831	0.851	3.23
27) T	cis-1,2-Dichlo...	0.553	0.581	0.577	0.574	0.570	0.565	0.570	1.78
28) T	Bromochloromet...	0.391	0.429	0.425	0.405	0.387	0.401	0.406	4.30
29) T	Tetrahydrofuran	0.138	0.138	0.125	0.125	0.119	0.133	0.130	6.05
30) C	Chloroform	0.908	0.961	0.947	0.939	0.925	0.917	0.933	2.12#
31) T	Cyclohexane	1.067	0.989	0.929	0.900	0.877	0.856	0.936	8.47
32) T	1,1,1-Trichlor...	0.822	0.888	0.876	0.854	0.863	0.839	0.857	2.83
33) S	1,2-Dichloroet...	0.518	0.548	0.540	0.579	0.580	0.582	0.558	4.73
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.287	0.281	0.289	0.323	0.315	0.313	0.301	5.85
36) T	1,1-Dichloropr...	0.523	0.493	0.502	0.504	0.498	0.485	0.501	2.53
37) T	Ethyl Acetate	0.307	0.318	0.290	0.288	0.275	0.299	0.296	5.13
38) T	Carbon Tetrach...	0.495	0.514	0.528	0.523	0.528	0.515	0.517	2.39
39) T	Methylcyclohexane	0.579	0.609	0.607	0.621	0.612	0.601	0.605	2.40
40) TM	Benzene	1.352	1.414	1.402	1.413	1.394	1.369	1.391	1.81
41) T	Methacrylonitrile	0.161	0.138	0.161	0.167	0.164	0.148	0.156	7.15
42) TM	1,2-Dichloroet...	0.438	0.475	0.462	0.455	0.454	0.457	0.457	2.62
43) T	Isopropyl Acetate	0.546	0.575	0.541	0.563	0.539	0.583	0.558	3.30
44) TM	Trichloroethene	0.381	0.389	0.387	0.392	0.379	0.376	0.384	1.71
45) C	1,2-Dichloropr...	0.331	0.340	0.329	0.354	0.346	0.345	0.341	2.81#
46) T	Dibromomethane	0.182	0.192	0.192	0.194	0.190	0.193	0.191	2.33
47) T	Bromodichlorom...	0.455	0.487	0.498	0.497	0.495	0.493	0.487	3.42
48) T	Methyl methacr...	0.275	0.289	0.262	0.266	0.262	0.283	0.273	4.19
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.003	0.002	9.03
50) S	Toluene-d8	1.135	1.149	1.146	1.300	1.278	1.244	1.209	6.12
51) T	4-Methyl-2-Pen...	0.288	0.303	0.279	0.286	0.273	0.299	0.288	4.01
52) CM	Toluene	0.843	0.875	0.870	0.886	0.880	0.864	0.870	1.74#
53) T	t-1,3-Dichloro...	0.495	0.527	0.528	0.535	0.524	0.539	0.524	2.95
54) T	cis-1,3-Dichlo...	0.569	0.585	0.588	0.601	0.586	0.591	0.587	1.79
55) T	1,1,2-Trichlor...	0.276	0.273	0.263	0.275	0.263	0.271	0.270	2.19
56) T	Ethyl methacry...	0.366	0.388	0.376	0.400	0.383	0.401	0.386	3.55

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57)	T	1,3-Dichloropr...	0.473	0.491	0.473	0.484	0.469	0.480	0.478	1.72
58)	T	2-Chloroethyl ...	0.194	0.197	0.184	0.154	0.158	0.163	0.175	10.99
59)	T	2-Hexanone	0.203	0.215	0.197	0.202	0.192	0.210	0.203	4.12
60)	T	Dibromochlorom...	0.325	0.345	0.342	0.348	0.342	0.343	0.341	2.37
61)	T	1,2-Dibromoethane	0.264	0.268	0.265	0.266	0.260	0.266	0.265	1.07
62)	S	4-Bromofluorob...	0.420	0.401	0.407	0.459	0.441	0.433	0.427	5.14
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.462	0.469	0.466	0.471	0.460	0.438	0.461	2.60
65)	PM	Chlorobenzene	0.982	1.013	1.022	1.029	1.015	0.981	1.007	2.03
66)	T	1,1,1,2-Tetrac...	0.365	0.387	0.389	0.393	0.389	0.385	0.385	2.63
67)	C	Ethyl Benzene	1.822	1.883	1.899	1.928	1.931	1.874	1.889	2.12#
68)	T	m/p-Xylenes	0.667	0.691	0.699	0.717	0.713	0.694	0.697	2.57
69)	T	o-Xylene	0.628	0.641	0.661	0.671	0.670	0.658	0.655	2.62
70)	T	Styrene	1.062	1.104	1.131	1.169	1.151	1.132	1.125	3.36
71)	P	Bromoform	0.241	0.247	0.245	0.250	0.246	0.248	0.246	1.20
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.337	3.506	3.581	3.592	3.671	3.611	3.550	3.29
74)	T	N-amyl acetate	0.982	1.070	1.070	1.082	1.081	1.149	1.072	4.98
75)	P	1,1,2,2-Tetrac...	0.659	0.646	0.638	0.649	0.625	0.661	0.646	2.08
76)	T	1,2,3-Trichlor...	0.515	0.513	0.480	0.496	0.494	0.513	0.502	2.83
77)	T	Bromobenzene	0.811	0.851	0.894	0.891	0.897	0.898	0.874	4.06
78)	T	n-propylbenzene	4.027	4.193	4.303	4.352	4.346	4.280	4.250	2.90
79)	T	2-Chlorotoluene	2.299	2.400	2.441	2.440	2.467	2.419	2.411	2.46
80)	T	1,3,5-Trimethy...	2.836	2.996	3.097	3.098	3.117	3.024	3.028	3.48
81)	T	trans-1,4-Dich...	0.267	0.275	0.264	0.276	0.262	0.278	0.270	2.59
82)	T	4-Chlorotoluene	2.437	2.524	2.555	2.574	2.565	2.524	2.530	1.98
83)	T	tert-Butylbenzene	2.485	2.543	2.637	2.657	2.663	2.574	2.593	2.74
84)	T	1,2,4-Trimethy...	2.940	2.954	3.058	3.107	3.100	3.043	3.034	2.35
85)	T	sec-Butylbenzene	3.354	3.470	3.639	3.696	3.647	3.507	3.552	3.68
86)	T	p-Isopropyltol...	3.130	3.219	3.346	3.428	3.407	3.316	3.308	3.45
87)	T	1,3-Dichlorobe...	1.604	1.641	1.677	1.699	1.695	1.671	1.664	2.17
88)	T	1,4-Dichlorobe...	1.646	1.662	1.663	1.691	1.655	1.603	1.653	1.75
89)	T	n-Butylbenzene	2.904	2.972	3.145	3.245	3.149	3.015	3.072	4.19
90)	T	Hexachloroethane	0.543	0.583	0.599	0.607	0.610	0.596	0.590	4.19
91)	T	1,2-Dichlorobe...	1.452	1.466	1.514	1.493	1.462	1.448	1.472	1.74
92)	T	1,2-Dibromo-3-...	0.123	0.131	0.120	0.123	0.118	0.128	0.124	3.97
93)	T	1,2,4-Trichlor...	1.077	1.057	1.049	1.079	1.058	1.024	1.058	1.92
94)	T	Hexachlorobuta...	0.693	0.676	0.688	0.693	0.681	0.576	0.668	6.82
95)	T	Naphthalene	2.014	1.856	1.857	1.946	1.877	2.020	1.928	3.96
96)	T	1,2,3-Trichlor...	0.914	0.871	0.903	0.922	0.908	0.893	0.902	1.98

(#) = Out of Range