

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y011221S.M
 Title : SW846 8260
 Last Update : Tue Jan 12 11:45:53 2021
 Response Via : Initial Calibration

Calibration Files

5 =VY003892.D 10 =VY003893.D 20 =VY003894.D 50 =VY003895.D 100 =VY003896.D 150 =VY003897.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.725	0.754	0.707	0.527	0.602	0.510	0.638	16.61
3) P	Chloromethane	1.074	0.942	0.891	0.733	0.809	0.697	0.858	16.38
4) C	Vinyl Chloride	1.031	0.974	0.928	0.786	0.885	0.764	0.894	11.71#
5) T	Bromomethane	0.749	0.711	0.673	0.536	0.582	0.610	0.643	12.64
6) T	Chloroethane	0.570	0.593	0.591	0.506	0.530	0.514	0.551	7.10
7) T	Trichlorofluor...	1.226	1.288	1.245	1.095	1.090	1.080	1.171	7.90
8) T	Diethyl Ether	0.393	0.405	0.374	0.363	0.365	0.354	0.375	5.20
9) T	1,1,2-Trichlor...	0.611	0.660	0.641	0.590	0.578	0.561	0.607	6.28
10) T	Methyl Iodide	0.594	0.693	0.747	0.764	0.773	0.762	0.722	9.55
11) T	Tert butyl alc...	0.102	0.085	0.081	0.072	0.072	0.072	0.081	14.94
12) CM	1,1-Dichloroet...	0.580	0.642	0.631	0.579	0.566	0.557	0.593	5.97#
13) T	Acrolein	0.080	0.081	0.080	0.073	0.071	0.076	0.077	5.43
14) T	Allyl chloride	1.279	1.368	1.345	1.224	1.257	1.221	1.282	4.83
15) T	Acrylonitrile	0.214	0.217	0.211	0.202	0.203	0.212	0.210	2.95
16) T	Acetone	0.193	0.199	0.193	0.184	0.188	0.195	0.192	2.72
17) T	Carbon Disulfide	1.987	2.171	2.109	1.901	1.859	1.815	1.974	7.20
18) T	Methyl Acetate	0.525	0.516	0.512	0.480	0.504	0.528	0.511	3.37
19) T	Methyl tert-bu...	1.806	1.902	1.904	1.796	1.836	1.825	1.845	2.55
20) T	Methylene Chlo...	0.824	0.803	0.746	0.668	0.644	0.632	0.720	11.56
21) T	trans-1,2-Dich...	0.703	0.717	0.690	0.669	0.654	0.641	0.679	4.33
22) T	Diisopropyl ether	2.471	2.623	2.624	2.423	2.458	2.398	2.499	3.97
23) T	Vinyl Acetate	1.637	1.795	1.808	1.681	1.731	1.735	1.731	3.78
24) P	1,1-Dichloroet...	1.281	1.348	1.296	1.214	1.202	1.171	1.252	5.37
25) T	2-Butanone	0.299	0.307	0.301	0.283	0.295	0.309	0.299	3.16
26) T	2,2-Dichloropr...	1.223	1.278	1.215	1.115	1.115	1.082	1.171	6.63
27) T	cis-1,2-Dichlo...	0.757	0.790	0.764	0.738	0.726	0.718	0.749	3.56
28) T	Bromochloromet...	0.588	0.615	0.598	0.566	0.552	0.570	0.581	3.99
29) T	Tetrahydrofuran	0.194	0.208	0.208	0.192	0.200	0.205	0.201	3.51
30) C	Chloroform	1.302	1.324	1.292	1.218	1.224	1.182	1.257	4.51#
31) T	Cyclohexane	1.438	1.448	1.354	1.212	1.187	1.175	1.302	9.71
32) T	1,1,1-Trichlor...	1.240	1.251	1.196	1.116	1.126	1.100	1.171	5.64
33) S	1,2-Dichloroet...	0.831	0.820	0.781	0.739	0.760	0.729	0.777	5.38
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.419	0.415	0.411	0.401	0.411	0.395	0.409	2.15
36) T	1,1-Dichloropr...	0.748	0.696	0.698	0.659	0.664	0.641	0.684	5.58
37) T	Ethyl Acetate	0.415	0.484	0.491	0.442	0.470	0.463	0.461	6.15
38) T	Carbon Tetrach...	0.725	0.785	0.743	0.688	0.719	0.687	0.724	5.08
39) T	Methylcyclohexane	0.811	0.842	0.846	0.815	0.825	0.800	0.823	2.19
40) TM	Benzene	1.835	1.990	1.936	1.839	1.845	1.803	1.875	3.84
41) T	Methacrylonitrile	0.290	0.313	0.252	0.237	0.259	0.204	0.259	14.80
42) TM	1,2-Dichloroet...	0.655	0.684	0.672	0.612	0.633	0.615	0.645	4.61
43) T	Isopropyl Acetate	0.836	0.899	0.909	0.835	0.889	0.894	0.877	3.76
44) TM	Trichloroethene	0.532	0.542	0.519	0.488	0.504	0.491	0.513	4.27
45) C	1,2-Dichloropr...	0.468	0.520	0.512	0.470	0.479	0.467	0.486	4.91#
46) T	Dibromomethane	0.263	0.285	0.271	0.269	0.267	0.265	0.270	2.91
47) T	Bromodichlorom...	0.652	0.704	0.696	0.654	0.680	0.658	0.674	3.38
48) T	Methyl methacr...	0.367	0.428	0.425	0.402	0.434	0.436	0.415	6.45
49) T	1,4-Dioxane	0.004	0.004	0.004	0.004	0.004	0.004	0.004	2.79
50) S	Toluene-d8	1.702	1.712	1.672	1.627	1.655	1.568	1.656	3.21
51) T	4-Methyl-2-Pen...	0.439	0.474	0.478	0.450	0.473	0.477	0.465	3.57
52) CM	Toluene	1.150	1.286	1.201	1.165	1.181	1.142	1.188	4.44#
53) T	t-1,3-Dichloro...	0.706	0.757	0.741	0.714	0.735	0.716	0.728	2.66
54) T	cis-1,3-Dichlo...	0.743	0.837	0.825	0.783	0.808	0.770	0.794	4.48
55) T	1,1,2-Trichlor...	0.344	0.379	0.382	0.362	0.370	0.362	0.367	3.73
56) T	Ethyl methacry...	0.495	0.548	0.566	0.548	0.578	0.573	0.551	5.51

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57)	T	1,3-Dichloropr...	0.675	0.698	0.676	0.645	0.661	0.647	0.667	3.03
58)	T	2-Chloroethyl ...	0.287	0.292	0.297	0.249	0.252	0.266	0.274	7.65
59)	T	2-Hexanone	0.294	0.328	0.332	0.316	0.337	0.337	0.324	5.14
60)	T	Dibromochlorom...	0.481	0.485	0.477	0.460	0.478	0.467	0.475	1.98
61)	T	1,2-Dibromoethane	0.335	0.370	0.375	0.354	0.367	0.359	0.360	3.98
62)	S	4-Bromofluorob...	0.670	0.605	0.603	0.584	0.604	0.563	0.605	5.96
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.629	0.643	0.601	0.588	0.594	0.592	0.608	3.73
65)	PM	Chlorobenzene	1.316	1.393	1.329	1.309	1.310	1.292	1.325	2.67
66)	T	1,1,1,2-Tetrac...	0.493	0.519	0.509	0.501	0.504	0.508	0.506	1.70
67)	C	Ethyl Benzene	2.362	2.581	2.541	2.457	2.511	2.478	2.488	3.06#
68)	T	m/p-Xylenes	0.883	0.943	0.932	0.922	0.932	0.923	0.922	2.25
69)	T	o-Xylene	0.822	0.882	0.892	0.857	0.873	0.860	0.864	2.86
70)	T	Styrene	1.369	1.493	1.511	1.495	1.524	1.504	1.483	3.85
71)	P	Bromoform	0.323	0.325	0.338	0.330	0.340	0.339	0.332	2.26
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.339	4.515	4.539	4.506	4.528	4.494	4.487	1.65
74)	T	N-amyl acetate	1.425	1.618	1.622	1.578	1.688	1.701	1.605	6.20
75)	P	1,1,2,2-Tetrac...	0.819	0.878	0.860	0.838	0.848	0.866	0.852	2.49
76)	T	1,2,3-Trichlor...	0.697	0.664	0.685	0.658	0.666	0.686	0.676	2.29
77)	T	Bromobenzene	1.110	1.111	1.093	1.069	1.097	1.094	1.096	1.38
78)	T	n-propylbenzene	5.184	5.419	5.471	5.395	5.406	5.364	5.373	1.84
79)	T	2-Chlorotoluene	2.940	3.098	3.083	3.014	3.048	2.990	3.029	1.97
80)	T	1,3,5-Trimethy...	3.708	4.018	3.967	3.864	3.918	3.816	3.882	2.87
81)	T	trans-1,4-Dich...	0.334	0.360	0.368	0.351	0.360	0.364	0.356	3.46
82)	T	4-Chlorotoluene	3.213	3.291	3.289	3.170	3.232	3.144	3.223	1.88
83)	T	tert-Butylbenzene	3.172	3.368	3.294	3.293	3.339	3.254	3.287	2.10
84)	T	1,2,4-Trimethy...	3.568	3.967	3.923	3.885	3.923	3.840	3.851	3.76
85)	T	sec-Butylbenzene	4.369	4.579	4.640	4.540	4.555	4.431	4.519	2.22
86)	T	p-Isopropyltol...	4.020	4.293	4.411	4.279	4.303	4.235	4.257	3.05
87)	T	1,3-Dichlorobe...	2.153	2.130	2.130	2.079	2.114	2.074	2.113	1.48
88)	T	1,4-Dichlorobe...	2.087	2.180	2.076	2.041	2.056	2.001	2.074	2.91
89)	T	n-Butylbenzene	3.894	4.091	4.239	4.082	4.062	3.890	4.043	3.28
90)	T	Hexachloroethane	0.740	0.804	0.765	0.767	0.789	0.760	0.771	2.91
91)	T	1,2-Dichlorobe...	1.832	1.906	1.875	1.836	1.840	1.807	1.849	1.91
92)	T	1,2-Dibromo-3-...	0.193	0.182	0.173	0.173	0.173	0.181	0.179	4.37
93)	T	1,2,4-Trichlor...	1.374	1.373	1.386	1.330	1.363	1.350	1.363	1.46
94)	T	Hexachlorobuta...	0.894	0.967	0.912	0.889	0.885	0.860	0.901	4.02
95)	T	Naphthalene	2.402	2.449	2.576	2.577	2.648	2.754	2.568	5.02
96)	T	1,2,3-Trichlor...	1.217	1.204	1.224	1.171	1.187	1.196	1.200	1.62

(#) = Out of Range