

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y051722S.M
 Title : SW846 8260
 Last Update : Wed May 18 07:32:50 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY008773.D 10 =VY008774.D 20 =VY008775.D 50 =VY008776.D 100 =VY008777.D 150 =VY008778.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.486	0.462	0.420	0.306	0.296	0.284	0.376	24.24
3) P	Chloromethane	0.826	0.747	0.629	0.490	0.432	0.376	0.583	30.93
4) C	Vinyl Chloride	1.058	1.032	0.899	0.714	0.665	0.584	0.825	24.17#
5) T	Bromomethane	0.603	0.730	0.782	0.535	0.573	0.564	0.631	15.92
6) T	Chloroethane	0.731	0.725	0.713	0.526	0.503	0.461	0.610	20.61
7) T	Trichlorofluor...	0.951	0.924	0.859	0.687	0.643	0.614	0.780	19.13
8) T	Diethyl Ether	0.264	0.253	0.229	0.203	0.196	0.184	0.222	14.66
9) T	1,1,2-Trichlor...	0.547	0.542	0.505	0.420	0.401	0.382	0.466	15.82
10) T	Methyl Iodide	0.494	0.579	0.535	0.490	0.505	0.504	0.518	6.56
11) T	Tert butyl alc...	0.051	0.053	0.058	0.048	0.051	0.047	0.051	7.86
12) CM	1,1-Dichloroet...	0.475	0.503	0.454	0.379	0.375	0.360	0.424	14.24#
13) T	Acrolein	0.034	0.036	0.035	0.016	0.016	0.015	0.025	42.13
14) T	Allyl chloride	0.689	0.643	0.670	0.564	0.600	0.579	0.624	8.13
15) T	Acrylonitrile	0.153	0.160	0.156	0.142	0.149	0.142	0.150	4.87
16) T	Acetone	0.150	0.135	0.129	0.105	0.104	0.093	0.119	18.37
17) T	Carbon Disulfide	1.535	1.464	1.355	1.058	1.063	1.019	1.249	18.39
18) T	Methyl Acetate	0.428	0.457	0.433	0.314	0.324	0.305	0.377	18.39
19) T	Methyl tert-bu...	1.133	1.205	1.135	1.079	1.161	1.141	1.143	3.58
20) T	Methylene Chlo...	0.937	0.731	0.602	0.474	0.450	0.435	0.605	32.74
21) T	trans-1,2-Dich...	0.561	0.575	0.526	0.472	0.493	0.493	0.520	7.90
22) T	Diisopropyl ether	1.240	1.380	1.340	1.261	1.387	1.322	1.322	4.57
23) T	Vinyl Acetate	0.882	0.925	0.914	0.922	1.003	0.945	0.932	4.36
24) P	1,1-Dichloroet...	0.981	0.935	0.889	0.809	0.839	0.809	0.877	8.08
25) T	2-Butanone	0.193	0.206	0.203	0.187	0.197	0.181	0.195	4.85
26) T	2,2-Dichloropr...	0.886	0.919	0.846	0.774	0.798	0.777	0.834	7.23
27) T	cis-1,2-Dichlo...	0.591	0.653	0.566	0.536	0.565	0.551	0.577	7.21
28) T	Bromochloromet...	0.342	0.359	0.329	0.326	0.332	0.307	0.332	5.23
29) T	Tetrahydrofuran	0.126	0.131	0.133	0.126	0.136	0.125	0.130	3.44
30) C	Chloroform	1.030	0.985	0.927	0.886	0.922	0.891	0.940	6.01#
31) T	Cyclohexane	1.025	0.930	0.800	0.717	0.738	0.692	0.817	16.26
32) T	1,1,1-Trichlor...	0.938	0.931	0.853	0.823	0.862	0.823	0.872	5.86
33) S	1,2-Dichloroet...	0.452	0.438	0.399	0.504	0.520	0.470	0.464	9.52
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.293	0.278	0.258	0.305	0.318	0.302	0.292	7.31
36) T	1,1-Dichloropr...	0.520	0.497	0.456	0.438	0.459	0.438	0.468	7.14
37) T	Ethyl Acetate	0.303	0.297	0.295	0.258	0.268	0.253	0.279	7.86
38) T	Carbon Tetrach...	0.536	0.541	0.489	0.469	0.495	0.479	0.501	6.01
39) T	Methylcyclohexane	0.556	0.561	0.558	0.532	0.574	0.548	0.555	2.57
40) TM	Benzene	1.340	1.396	1.281	1.260	1.324	1.254	1.309	4.17
41) T	Methacrylonitrile	0.148	0.151	0.144	0.138	0.153	0.145	0.147	3.66
42) TM	1,2-Dichloroet...	0.422	0.414	0.377	0.366	0.377	0.350	0.384	7.33
43) T	Isopropyl Acetate	0.452	0.476	0.468	0.455	0.489	0.445	0.464	3.58
44) TM	Trichloroethene	0.379	0.375	0.343	0.340	0.358	0.342	0.356	4.89
45) C	1,2-Dichloropr...	0.346	0.319	0.300	0.303	0.308	0.291	0.311	6.30#
46) T	Dibromomethane	0.208	0.222	0.201	0.192	0.209	0.194	0.204	5.34
47) T	Bromodichlorom...	0.482	0.466	0.437	0.437	0.462	0.435	0.453	4.29
48) T	Methyl methacr...	0.204	0.197	0.195	0.202	0.220	0.204	0.204	4.38
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.004	0.003	0.003	10.01
50) S	Toluene-d8	0.953	0.920	0.897	1.298	1.426	1.324	1.136	20.93
51) T	4-Methyl-2-Pen...	0.254	0.272	0.274	0.275	0.301	0.268	0.274	5.56
52) CM	Toluene	0.828	0.856	0.838	0.897	0.992	0.927	0.890	7.05#
53) T	t-1,3-Dichloro...	0.445	0.451	0.447	0.475	0.519	0.488	0.471	6.20
54) T	cis-1,3-Dichlo...	0.497	0.517	0.498	0.493	0.532	0.509	0.508	2.93
55) T	1,1,2-Trichlor...	0.266	0.277	0.266	0.278	0.300	0.282	0.278	4.56
56) T	Ethyl methacry...	0.274	0.301	0.311	0.350	0.406	0.381	0.337	15.00

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57)	T	1,3-Dichloropr...	0.466	0.474	0.445	0.449	0.473	0.435	0.457	3.55
58)	T	2-Chloroethyl ...	0.144	0.161	0.166	0.178	0.195	0.187	0.172	10.92
59)	T	2-Hexanone	0.177	0.188	0.196	0.205	0.218	0.191	0.196	7.26
60)	T	Dibromochlorom...	0.317	0.326	0.304	0.328	0.372	0.355	0.334	7.54
61)	T	1,2-Dibromoethane	0.262	0.271	0.262	0.275	0.306	0.286	0.277	6.08
62)	S	4-Bromofluorob...	0.311	0.323	0.323	0.454	0.514	0.474	0.400	22.70
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.339	0.341	0.322	0.297	0.314	0.307	0.320	5.41
65)	PM	Chlorobenzene	1.040	1.042	0.997	0.976	1.030	0.987	1.012	2.86
66)	T	1,1,1,2-Tetrac...	0.357	0.368	0.355	0.358	0.393	0.387	0.370	4.45
67)	C	Ethyl Benzene	1.769	1.788	1.710	1.796	1.930	1.850	1.807	4.15#
68)	T	m/p-Xylenes	0.651	0.683	0.688	0.745	0.805	0.748	0.720	7.84
69)	T	o-Xylene	0.578	0.650	0.625	0.689	0.744	0.704	0.665	8.97
70)	T	Styrene	0.937	1.039	1.054	1.197	1.308	1.222	1.126	12.30
71)	P	Bromoform	0.224	0.235	0.226	0.249	0.292	0.280	0.251	11.46
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.586	3.552	3.369	3.108	3.504	3.456	3.429	5.10
74)	T	N-amyl acetate	0.894	0.878	0.862	0.756	0.789	0.733	0.819	8.31
75)	P	1,1,2,2-Tetrac...	0.851	0.846	0.780	0.661	0.728	0.707	0.762	10.12
76)	T	1,2,3-Trichlor...	0.661	0.634	0.596	0.502	0.548	0.524	0.578	10.94
77)	T	Bromobenzene	0.897	0.850	0.762	0.697	0.774	0.787	0.795	8.81
78)	T	n-propylbenzene	4.440	4.518	4.180	3.899	4.173	4.067	4.213	5.49
79)	T	2-Chlorotoluene	2.395	2.392	2.252	2.115	2.301	2.235	2.282	4.64
80)	T	1,3,5-Trimethy...	2.695	2.852	2.734	2.696	2.860	2.776	2.769	2.67
81)	T	trans-1,4-Dich...	0.294	0.253	0.257	0.247	0.271	0.261	0.264	6.36
82)	T	4-Chlorotoluene	2.521	2.494	2.341	2.340	2.436	2.331	2.411	3.51
83)	T	tert-Butylbenzene	2.499	2.505	2.421	2.410	2.583	2.522	2.490	2.61
84)	T	1,2,4-Trimethy...	2.601	2.880	2.726	2.695	2.824	2.720	2.741	3.59
85)	T	sec-Butylbenzene	3.944	4.008	3.843	3.800	3.928	3.785	3.885	2.29
86)	T	p-Isopropyltol...	3.052	3.179	3.090	3.191	3.317	3.177	3.168	2.90
87)	T	1,3-Dichlorobe...	1.776	1.733	1.602	1.594	1.687	1.625	1.670	4.47
88)	T	1,4-Dichlorobe...	1.726	1.722	1.629	1.602	1.640	1.589	1.651	3.58
89)	T	n-Butylbenzene	3.136	3.126	3.004	2.951	2.976	2.847	3.007	3.66
90)	T	Hexachloroethane	0.614	0.658	0.602	0.561	0.580	0.578	0.599	5.77
91)	T	1,2-Dichlorobe...	1.486	1.520	1.447	1.406	1.468	1.433	1.460	2.78
92)	T	1,2-Dibromo-3-...	0.145	0.145	0.132	0.116	0.123	0.121	0.130	9.34
93)	T	1,2,4-Trichlor...	0.813	0.835	0.787	0.731	0.791	0.828	0.797	4.74
94)	T	Hexachlorobuta...	0.548	0.492	0.451	0.407	0.423	0.431	0.459	11.43
95)	T	Naphthalene	1.697	1.759	1.744	1.666	1.883	1.945	1.782	6.11
96)	T	1,2,3-Trichlor...	0.719	0.736	0.676	0.639	0.701	0.731	0.700	5.30

(#) = Out of Range