

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y010625S.M
 Title : SW846 8260
 Last Update : Tue Jan 07 01:31:46 2025
 Response Via : Initial Calibration

Calibration Files

5 =VY020774.D 10 =VY020775.D 20 =VY020776.D 50 =VY020777.D 100 =VY020778.D 150 =VY020779.D

D

Compound		5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.386	0.387	0.394	0.362	0.333	0.339	0.367	7.13
3) P	Chloromethane	0.215	0.198	0.198	0.190	0.177	0.182	0.193	7.03
4) C	Vinyl Chloride	0.227	0.216	0.220	0.219	0.201	0.207	0.215	4.36#
5) T	Bromomethane	0.177	0.159	0.152	0.147	0.139	0.144	0.153	8.97
6) T	Chloroethane	0.138	0.131	0.132	0.134	0.130	0.129	0.132	2.44
7) T	Trichlorofluor...	0.677	0.686	0.688	0.661	0.614	0.630	0.659	4.69
8) T	Diethyl Ether	0.203	0.200	0.224	0.213	0.202	0.195	0.206	5.12
9) T	1,1,2-Trichlor...	0.452	0.466	0.474	0.445	0.410	0.424	0.445	5.46
10) T	Methyl Iodide	0.456	0.453	0.485	0.508	0.480	0.480	0.477	4.25
11) T	Tert butyl alc...	0.037	0.035	0.037	0.032	0.026	0.026	0.032	15.54
12) CM	1,1-Dichloroet...	0.373	0.402	0.401	0.403	0.376	0.384	0.390	3.51#
13) T	Acrolein	0.013	0.012	0.015	0.005	0.005	0.005	0.009	50.99
14) T	Allyl chloride	0.573	0.569	0.579	0.568	0.543	0.543	0.563	2.75
15) T	Acrylonitrile	0.083	0.089	0.096	0.095	0.082	0.081	0.088	7.47
16) T	Acetone	0.062	0.059	0.067	0.065	0.055	0.054	0.060	8.66
17) T	Carbon Disulfide	0.794	0.817	0.822	0.912	0.857	0.874	0.846	5.12
18) T	Methyl Acetate	0.185	0.196	0.230	0.226	0.194	0.192	0.204	9.30
19) T	Methyl tert-bu...	1.079	1.109	1.198	1.142	1.055	1.020	1.100	5.80
20) T	Methylene Chlo...	0.424	0.427	0.451	0.418	0.395	0.389	0.417	5.44
21) T	trans-1,2-Dich...	0.441	0.434	0.444	0.437	0.408	0.413	0.429	3.51
22) T	Diisopropyl ether	1.205	1.238	1.322	1.213	1.120	1.091	1.198	6.95
23) T	Vinyl Acetate	0.630	0.662	0.727	0.700	0.630	0.615	0.661	6.78
24) P	1,1-Dichloroet...	0.805	0.810	0.845	0.787	0.751	0.744	0.791	4.84
25) T	2-Butanone	0.093	0.101	0.111	0.108	0.092	0.090	0.099	9.08
26) T	2,2-Dichloropr...	0.873	0.846	0.867	0.812	0.763	0.764	0.821	5.98
27) T	cis-1,2-Dichlo...	0.555	0.539	0.585	0.546	0.514	0.511	0.542	5.06
28) T	Bromochloromet...	0.181	0.192	0.211	0.253	0.221	0.221	0.213	11.94
29) T	Tetrahydrofuran	0.058	0.063	0.071	0.069	0.060	0.059	0.063	8.83
30) C	Chloroform	0.935	0.943	0.970	0.893	0.836	0.833	0.902	6.39#
31) T	Cyclohexane	0.726	0.652	0.620	0.605	0.550	0.557	0.618	10.57
32) T	1,1,1-Trichlor...	0.914	0.922	0.926	0.873	0.818	0.823	0.879	5.64
33) S	1,2-Dichloroet...	0.395	0.400	0.416	0.483	0.438	0.418	0.425	7.55
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.315	0.298	0.323	0.340	0.308	0.296	0.313	5.23
36) T	1,1-Dichloropr...	0.405	0.405	0.418	0.414	0.374	0.381	0.400	4.45
37) T	Ethyl Acetate	0.157	0.161	0.174	0.171	0.146	0.145	0.159	7.68
38) T	Carbon Tetrach...	0.562	0.572	0.583	0.564	0.522	0.534	0.556	4.16
39) T	Methylcyclohexane	0.491	0.486	0.506	0.511	0.463	0.485	0.490	3.53
40) TM	Benzene	1.238	1.247	1.306	1.257	1.151	1.159	1.226	4.89
41) T	Methacrylonitrile	0.082	0.081	0.098	0.104	0.091	0.090	0.091	9.57
42) TM	1,2-Dichloroet...	0.334	0.325	0.362	0.351	0.321	0.315	0.335	5.46
43) T	Isopropyl Acetate	0.302	0.314	0.364	0.349	0.309	0.303	0.323	8.13
44) TM	Trichloroethene	0.355	0.342	0.364	0.345	0.320	0.325	0.342	4.99
45) C	1,2-Dichloropr...	0.275	0.287	0.303	0.283	0.262	0.258	0.278	5.99#
46) T	Dibromomethane	0.162	0.156	0.169	0.167	0.153	0.151	0.160	4.63
47) T	Bromodichlorom...	0.454	0.456	0.503	0.469	0.431	0.431	0.457	5.88
48) T	Methyl methacr...	0.131	0.136	0.155	0.163	0.141	0.145	0.145	8.31
49) T	1,4-Dioxane	0.001	0.002	0.002	0.002	0.002	0.002	0.002	11.58
50) S	Toluene-d8	0.958	0.967	1.038	1.287	1.169	1.133	1.092	11.73
51) T	4-Methyl-2-Pen...	0.143	0.160	0.185	0.180	0.153	0.149	0.162	10.69
52) CM	Toluene	0.801	0.822	0.879	0.836	0.762	0.773	0.812	5.29#
53) T	t-1,3-Dichloro...	0.369	0.400	0.442	0.435	0.395	0.398	0.407	6.80
54) T	cis-1,3-Dichlo...	0.466	0.468	0.506	0.489	0.452	0.452	0.472	4.57
55) T	1,1,2-Trichlor...	0.230	0.229	0.260	0.231	0.209	0.210	0.228	8.11

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56)	T	Ethyl methacry...	0.246	0.267	0.320	0.314	0.290	0.291	0.288	9.73
57)	T	1,3-Dichloropr...	0.358	0.376	0.410	0.390	0.349	0.348	0.372	6.70
58)	T	2-Chloroethyl ...	0.094	0.110	0.128	0.130	0.112	0.111	0.114	11.38
59)	T	2-Hexanone	0.086	0.096	0.121	0.118	0.101	0.099	0.104	13.04
60)	T	Dibromochlorom...	0.324	0.331	0.365	0.344	0.313	0.309	0.331	6.31
61)	T	1,2-Dibromoethane	0.196	0.208	0.224	0.214	0.193	0.194	0.205	6.21
62)	S	4-Bromofluorob...	0.400	0.389	0.430	0.434	0.391	0.376	0.403	5.86
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.368	0.391	0.385	0.375	0.339	0.348	0.368	5.57
65)	PM	Chlorobenzene	1.121	1.142	1.174	1.116	1.040	1.040	1.105	4.95
66)	T	1,1,1,2-Tetrac...	0.434	0.438	0.454	0.423	0.388	0.388	0.421	6.52
67)	C	Ethyl Benzene	1.873	1.950	2.043	1.966	1.825	1.828	1.914	4.53#
68)	T	m/p-Xylenes	0.735	0.759	0.795	0.749	0.689	0.694	0.737	5.49
69)	T	o-Xylene	0.692	0.728	0.749	0.707	0.655	0.661	0.699	5.31
70)	T	Styrene	1.144	1.182	1.288	1.212	1.119	1.111	1.176	5.70
71)	P	Bromoform	0.236	0.239	0.264	0.251	0.223	0.222	0.239	6.73
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.968	4.185	4.176	4.021	3.705	3.744	3.967	5.20
74)	T	N-amyl acetate	0.545	0.623	0.712	0.716	0.652	0.644	0.649	9.74
75)	P	1,1,2,2-Tetrac...	0.587	0.632	0.652	0.638	0.553	0.545	0.601	7.63
76)	T	1,2,3-Trichlor...	0.463	0.526	0.449	0.430	0.364	0.394	0.437	12.93
77)	T	Bromobenzene	0.912	0.945	0.977	0.923	0.867	0.863	0.915	4.87
78)	T	n-propylbenzene	4.487	4.696	4.756	4.571	4.231	4.273	4.502	4.79
79)	T	2-Chlorotoluene	2.613	2.701	2.752	2.613	2.440	2.438	2.593	5.04
80)	T	1,3,5-Trimethy...	3.232	3.362	3.382	3.261	3.028	3.022	3.215	4.89
81)	T	trans-1,4-Dich...	0.179	0.211	0.228	0.230	0.196	0.200	0.207	9.44
82)	T	4-Chlorotoluene	2.730	2.842	2.844	2.688	2.465	2.486	2.676	6.24
83)	T	tert-Butylbenzene	2.919	3.197	3.277	3.002	2.772	2.873	3.007	6.49
84)	T	1,2,4-Trimethy...	3.044	3.252	3.394	3.225	2.952	2.967	3.139	5.68
85)	T	sec-Butylbenzene	4.216	4.401	4.452	4.288	3.895	3.946	4.200	5.53
86)	T	p-Isopropyltol...	3.487	3.747	3.855	3.641	3.354	3.411	3.583	5.52
87)	T	1,3-Dichlorobe...	1.864	1.850	1.872	1.786	1.647	1.643	1.777	6.01
88)	T	1,4-Dichlorobe...	1.816	1.831	1.883	1.748	1.603	1.615	1.749	6.69
89)	T	n-Butylbenzene	3.014	3.154	3.295	3.189	2.973	3.022	3.108	4.02
90)	T	Hexachloroethane	0.740	0.764	0.745	0.710	0.673	0.683	0.719	5.05
91)	T	1,2-Dichlorobe...	1.595	1.636	1.666	1.562	1.438	1.425	1.554	6.51
92)	T	1,2-Dibromo-3-...	0.089	0.100	0.108	0.099	0.093	0.094	0.097	6.98
93)	T	1,2,4-Trichlor...	0.752	0.845	0.941	0.932	0.929	0.965	0.894	9.05
94)	T	Hexachlorobuta...	0.597	0.625	0.654	0.624	0.632	0.650	0.630	3.26
95)	T	Naphthalene	1.157	1.319	1.556	1.567	1.589	1.642	1.472	12.94
96)	T	1,2,3-Trichlor...	0.639	0.723	0.778	0.758	0.779	0.817	0.749	8.30

(#) = Out of Range