

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y102221S.M
 Title : SW846 8260
 Last Update : Sat Oct 23 06:59:04 2021
 Response Via : Initial Calibration

Calibration Files

5 =VY006432.D 10 =VY006433.D 20 =VY006434.D 50 =VY006435.D 100 =VY006436.D 150 =VY006437.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.439	0.453	0.434	0.478	0.483	0.487	0.462	5.08
3) P	Chloromethane	0.591	0.606	0.558	0.651	0.665	0.673	0.624	7.36
4) C	Vinyl Chloride	0.678	0.687	0.628	0.720	0.734	0.733	0.697	5.91#
5) T	Bromomethane	0.516	0.515	0.455	0.431	0.421	0.447	0.464	8.98
6) T	Chloroethane	0.406	0.435	0.398	0.402	0.410	0.417	0.411	3.20
7) T	Trichlorofluor...	0.887	0.909	0.868	0.882	0.879	0.883	0.885	1.52
8) T	Diethyl Ether	0.294	0.288	0.281	0.294	0.288	0.294	0.290	1.86
9) T	1,1,2-Trichlor...	0.453	0.459	0.437	0.449	0.447	0.458	0.450	1.80
10) T	Methyl Iodide	0.352	0.349	0.355	0.456	0.511	0.538	0.427	20.15
11) T	Tert butyl alc...	0.071	0.057	0.052	0.055	0.050	0.050	0.056	14.49
12) CM	1,1-Dichloroet...	0.434	0.460	0.437	0.454	0.456	0.467	0.451	2.87#
13) T	Acrolein	0.042	0.041	0.044	0.036	0.035	0.034	0.039	10.54
14) T	Allyl chloride	0.853	0.948	0.893	0.943	0.953	0.984	0.929	5.11
15) T	Acrylonitrile	0.172	0.165	0.156	0.166	0.158	0.162	0.163	3.50
16) T	Acetone	0.175	0.167	0.152	0.199	0.188	0.182	0.177	9.25
17) T	Carbon Disulfide	1.474	1.461	1.339	1.534	1.530	1.546	1.481	5.22
18) T	Methyl Acetate	0.677	0.544	0.549	0.574	0.545	0.558	0.575	8.96
19) T	Methyl tert-bu...	1.427	1.433	1.393	1.475	1.465	1.491	1.447	2.50
20) T	Methylene Chlo...	1.004	0.763	0.597	0.549	0.521	0.524	0.660	29.04
21) T	trans-1,2-Dich...	0.502	0.517	0.486	0.515	0.521	0.531	0.512	3.12
22) T	Diisopropyl ether	1.745	1.915	1.834	1.847	1.849	1.920	1.852	3.46
23) T	Vinyl Acetate	1.050	1.122	1.086	1.166	1.148	1.186	1.126	4.55
24) P	1,1-Dichloroet...	0.932	1.017	0.939	0.960	0.962	0.998	0.968	3.44
25) T	2-Butanone	0.233	0.224	0.208	0.250	0.239	0.239	0.232	6.36
26) T	2,2-Dichloropr...	0.917	0.939	0.890	0.915	0.924	0.941	0.921	2.05
27) T	cis-1,2-Dichlo...	0.575	0.589	0.563	0.583	0.590	0.606	0.584	2.50
28) T	Bromochloromet...	0.437	0.423	0.402	0.354	0.371	0.370	0.393	8.41
29) T	Tetrahydrofuran	0.151	0.138	0.134	0.147	0.140	0.143	0.142	4.33
30) C	Chloroform	1.017	1.042	0.973	0.981	0.981	1.004	1.000	2.66#
31) T	Cyclohexane	1.122	1.034	0.911	0.960	0.967	0.982	0.996	7.36
32) T	1,1,1-Trichlor...	0.900	0.942	0.902	0.925	0.926	0.945	0.923	2.06
33) S	1,2-Dichloroet...	0.657	0.584	0.604	0.621	0.603	0.623	0.615	4.01
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.270	0.269	0.270	0.285	0.283	0.295	0.279	3.74
36) T	1,1-Dichloropr...	0.472	0.496	0.463	0.504	0.509	0.521	0.494	4.48
37) T	Ethyl Acetate	0.313	0.298	0.303	0.333	0.306	0.322	0.313	4.14
38) T	Carbon Tetrach...	0.518	0.558	0.523	0.553	0.555	0.563	0.545	3.56
39) T	Methylcyclohexane	0.572	0.576	0.556	0.622	0.637	0.646	0.601	6.37
40) TM	Benzene	1.356	1.398	1.351	1.427	1.446	1.476	1.409	3.54
41) T	Methacrylonitrile	0.159	0.157	0.160	0.178	0.203	0.208	0.177	13.13
42) TM	1,2-Dichloroet...	0.519	0.509	0.484	0.507	0.497	0.503	0.503	2.34
43) T	Isopropyl Acetate	0.591	0.596	0.582	0.630	0.616	0.626	0.607	3.28
44) TM	Trichloroethene	0.357	0.367	0.342	0.369	0.371	0.374	0.363	3.27
45) C	1,2-Dichloropr...	0.340	0.354	0.341	0.347	0.351	0.362	0.349	2.35#
46) T	Dibromomethane	0.189	0.194	0.181	0.195	0.194	0.198	0.192	3.22
47) T	Bromodichlorom...	0.487	0.500	0.487	0.498	0.501	0.517	0.498	2.20
48) T	Methyl methacr...	0.270	0.271	0.263	0.295	0.289	0.299	0.281	5.36
49) T	1,4-Dioxane	0.003	0.003	0.002	0.003	0.003	0.003	0.003	4.04
50) S	Toluene-d8	1.143	1.112	1.150	1.213	1.215	1.255	1.181	4.60
51) T	4-Methyl-2-Pen...	0.310	0.308	0.301	0.338	0.325	0.325	0.318	4.35
52) CM	Toluene	0.832	0.881	0.827	0.913	0.918	0.934	0.884	5.18#
53) T	t-1,3-Dichloro...	0.517	0.526	0.502	0.555	0.556	0.566	0.537	4.78
54) T	cis-1,3-Dichlo...	0.550	0.583	0.562	0.593	0.592	0.610	0.582	3.76
55) T	1,1,2-Trichlor...	0.269	0.262	0.250	0.273	0.266	0.270	0.265	3.16
56) T	Ethyl methacry...	0.387	0.394	0.380	0.429	0.429	0.437	0.409	6.16

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57)	T	1,3-Dichloropr...	0.472	0.483	0.458	0.494	0.487	0.494	0.481	2.89
58)	T	2-Chloroethyl ...	0.189	0.181	0.198	0.183	0.182	0.186	0.187	3.25
59)	T	2-Hexanone	0.223	0.215	0.214	0.253	0.239	0.237	0.230	6.64
60)	T	Dibromochlorom...	0.315	0.327	0.315	0.334	0.332	0.338	0.327	2.95
61)	T	1,2-Dibromoethane	0.257	0.242	0.235	0.254	0.252	0.257	0.249	3.71
62)	S	4-Bromofluorob...	0.379	0.383	0.395	0.412	0.405	0.414	0.398	3.68
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.416	0.443	0.436	0.453	0.442	0.435	0.437	2.80
65)	PM	Chlorobenzene	0.945	0.968	0.942	0.982	0.993	1.009	0.973	2.73
66)	T	1,1,1,2-Tetrac...	0.352	0.359	0.353	0.368	0.378	0.388	0.366	4.03
67)	C	Ethyl Benzene	1.703	1.800	1.748	1.893	1.957	2.017	1.853	6.64#
68)	T	m/p-Xylenes	0.618	0.679	0.670	0.715	0.745	0.755	0.697	7.37
69)	T	o-Xylene	0.605	0.643	0.638	0.678	0.708	0.719	0.665	6.64
70)	T	Styrene	0.993	1.106	1.100	1.177	1.211	1.236	1.137	7.85
71)	P	Bromoform	0.224	0.231	0.222	0.238	0.237	0.237	0.232	3.10
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.160	3.400	3.312	3.584	3.692	3.838	3.498	7.22
74)	T	N-amyl acetate	1.095	1.068	1.090	1.227	1.219	1.263	1.160	7.33
75)	P	1,1,2,2-Tetrac...	0.602	0.585	0.562	0.622	0.614	0.648	0.606	4.98
76)	T	1,2,3-Trichlor...	0.463	0.527	0.513	0.569	0.551	0.470	0.515	8.26
77)	T	Bromobenzene	0.786	0.813	0.776	0.834	0.853	0.883	0.824	4.93
78)	T	n-propylbenzene	3.928	4.243	4.076	4.445	4.518	4.725	4.322	6.84
79)	T	2-Chlorotoluene	2.199	2.349	2.300	2.424	2.486	2.600	2.393	5.93
80)	T	1,3,5-Trimethy...	2.623	2.851	2.828	3.010	3.054	3.206	2.929	6.97
81)	T	trans-1,4-Dich...	0.264	0.231	0.234	0.259	0.254	0.264	0.251	5.93
82)	T	4-Chlorotoluene	2.277	2.500	2.356	2.569	2.564	2.694	2.493	6.13
83)	T	tert-Butylbenzene	2.336	2.494	2.392	2.558	2.610	2.710	2.517	5.51
84)	T	1,2,4-Trimethy...	2.705	2.823	2.794	2.998	3.050	3.200	2.928	6.34
85)	T	sec-Butylbenzene	3.418	3.760	3.616	3.884	3.929	4.067	3.779	6.20
86)	T	p-Isopropyltol...	2.890	3.143	3.062	3.314	3.391	3.542	3.224	7.36
87)	T	1,3-Dichlorobe...	1.580	1.632	1.583	1.666	1.691	1.771	1.654	4.37
88)	T	1,4-Dichlorobe...	1.632	1.601	1.550	1.642	1.636	1.694	1.626	2.95
89)	T	n-Butylbenzene	2.752	2.952	2.895	3.131	3.171	3.295	3.033	6.63
90)	T	Hexachloroethane	0.539	0.578	0.571	0.589	0.593	0.623	0.582	4.77
91)	T	1,2-Dichlorobe...	1.388	1.451	1.417	1.459	1.462	1.527	1.451	3.26
92)	T	1,2-Dibromo-3-...	0.136	0.115	0.126	0.132	0.127	0.135	0.129	5.85
93)	T	1,2,4-Trichlor...	0.890	0.926	0.905	0.969	0.996	1.059	0.958	6.66
94)	T	Hexachlorobuta...	0.613	0.600	0.596	0.612	0.614	0.647	0.614	2.90
95)	T	Naphthalene	1.723	1.719	1.713	1.953	1.999	2.139	1.874	9.69
96)	T	1,2,3-Trichlor...	0.805	0.788	0.786	0.848	0.869	0.936	0.839	6.95

(#) = Out of Range