

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
 Method File : 82W072225S.M
 Title : SW846 8260
 Last Update : Wed Jul 23 08:18:46 2025
 Response Via : Initial Calibration

Calibration Files

5 =VW031891.D 10 =VW031892.D 20 =VW031893.D 50 =VW031894.D 100 =VW031895.D 150 =VW031896.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.427	0.364	0.355	0.358	0.369	0.357	0.372	7.40
3) P	Chloromethane	0.533	0.475	0.462	0.434	0.459	0.498	0.477	7.24
4) C	Vinyl Chloride	0.635	0.615	0.612	0.615	0.617	0.624	0.620	1.35#
5) T	Bromomethane	0.500	0.454	0.444	0.434	0.448	0.457	0.456	5.04
6) T	Chloroethane	0.448	0.395	0.394	0.392	0.409	0.414	0.409	5.19
7) T	Trichlorofluor...	0.670	0.552	0.574	0.679	0.625	0.666	0.628	8.55
8) T	Diethyl Ether	0.516	0.383	0.430	0.389	0.401	0.396	0.419	11.97
9) T	1,1,2-Trichlor...	0.674	0.603	0.582	0.589	0.584	0.590	0.604	5.82
10) T	Methyl Iodide	0.971	0.881	0.901	0.865	0.896	0.900	0.902	4.03
11) T	Tert butyl alc...	0.048	0.039	0.047	0.044	0.049	0.041	0.044	8.99
12) CM	1,1-Dichloroet...	0.714	0.656	0.650	0.645	0.667	0.669	0.667	3.73#
13) T	Acrolein	0.085	0.070	0.074	0.053	0.057	0.050	0.065	21.29
14) T	Allyl chloride	1.090	0.989	1.032	1.011	1.041	1.064	1.038	3.52
15) T	Acrylonitrile	0.203	0.170	0.194	0.182	0.196	0.180	0.187	6.57
16) T	Acetone	0.206	0.189	0.186	0.166	0.168	0.163	0.179	9.34
17) T	Carbon Disulfide	1.775	1.643	1.708	1.693	1.757	1.798	1.729	3.36
18) T	Methyl Acetate	0.528	0.427	0.529	0.475	0.527	0.481	0.494	8.36
19) T	Methyl tert-bu...	1.271	1.110	1.204	1.132	1.153	1.042	1.152	6.86
20) T	Methylene Chlo...	1.615	0.931	0.910	0.756	0.730	0.722	0.944	36.15
21) T	trans-1,2-Dich...	0.767	0.679	0.697	0.691	0.699	0.712	0.707	4.38
22) T	Diisopropyl ether	2.209	1.963	2.111	2.067	2.076	2.035	2.077	3.93
23) T	Vinyl Acetate	1.403	1.230	1.372	1.355	1.438	1.343	1.357	5.25
24) P	1,1-Dichloroet...	1.372	1.262	1.274	1.263	1.291	1.296	1.293	3.20
25) T	2-Butanone	0.260	0.231	0.266	0.236	0.254	0.227	0.246	6.69
26) T	2,2-Dichloropr...	0.814	0.704	0.696	0.738	0.700	0.740	0.732	6.07
27) T	cis-1,2-Dichlo...	0.878	0.789	0.821	0.824	0.846	0.831	0.832	3.55
28) T	Bromochloromet...	0.585	0.520	0.546	0.526	0.542	0.531	0.541	4.32
29) T	Tetrahydrofuran	0.172	0.143	0.170	0.159	0.172	0.149	0.161	7.80
30) C	Chloroform	1.436	1.336	1.362	1.314	1.348	1.338	1.356	3.11#
31) T	Cyclohexane	1.399	1.176	1.078	1.099	1.100	1.107	1.160	10.50
32) T	1,1,1-Trichlor...	1.114	1.017	1.008	1.010	1.009	1.032	1.032	4.02
33) S	1,2-Dichloroet...	0.899	0.744	0.782	0.709	0.717	0.686	0.756	10.23
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.358	0.353	0.346	0.326	0.330	0.324	0.340	4.29
36) T	1,1-Dichloropr...	0.529	0.531	0.520	0.509	0.527	0.514	0.522	1.73
37) T	Ethyl Acetate	0.309	0.280	0.303	0.295	0.318	0.280	0.298	5.25
38) T	Carbon Tetrach...	0.489	0.498	0.502	0.493	0.517	0.506	0.501	1.97
39) T	Methylcyclohexane	0.655	0.643	0.637	0.657	0.690	0.659	0.657	2.80
40) TM	Benzene	1.558	1.540	1.565	1.520	1.569	1.517	1.545	1.46
41) T	Methacrylonitrile	0.179	0.179	0.177	0.179	0.188	0.166	0.178	3.94
42) TM	1,2-Dichloroet...	0.508	0.484	0.516	0.480	0.507	0.471	0.494	3.74
43) T	Isopropyl Acetate	0.544	0.491	0.556	0.531	0.589	0.523	0.539	6.14
44) TM	Trichloroethene	0.370	0.372	0.356	0.362	0.375	0.368	0.367	1.83
45) C	1,2-Dichloropr...	0.381	0.367	0.376	0.360	0.377	0.370	0.372	2.06#
46) T	Dibromomethane	0.233	0.226	0.241	0.226	0.236	0.221	0.231	3.25
47) T	Bromodichlorom...	0.537	0.546	0.561	0.535	0.582	0.557	0.553	3.22
48) T	Methyl methacr...	0.244	0.229	0.272	0.256	0.281	0.255	0.256	7.27
49) T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.003	0.002	0.002	13.34
50) S	Toluene-d8	1.393	1.309	1.327	1.224	1.259	1.204	1.286	5.48
51) T	4-Methyl-2-Pen...	0.293	0.270	0.317	0.295	0.320	0.273	0.295	7.10
52) CM	Toluene	0.992	0.998	1.003	0.979	0.998	0.986	0.993	0.91#
53) T	t-1,3-Dichloro...	0.502	0.496	0.535	0.522	0.575	0.552	0.530	5.71
54) T	cis-1,3-Dichlo...	0.591	0.578	0.601	0.602	0.646	0.617	0.606	3.87
55) T	1,1,2-Trichlor...	0.316	0.297	0.314	0.300	0.317	0.295	0.306	3.35
56) T	Ethyl methacry...	0.397	0.388	0.443	0.442	0.487	0.439	0.433	8.31

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57)	T	1,3-Dichloropr...	0.538	0.525	0.564	0.533	0.565	0.513	0.540	3.86
58)	T	2-Chloroethyl ...	0.209	0.205	0.228	0.223	0.244	0.223	0.222	6.26
59)	T	2-Hexanone	0.205	0.188	0.220	0.206	0.222	0.189	0.205	7.09
60)	T	Dibromochlorom...	0.349	0.339	0.358	0.351	0.386	0.359	0.357	4.52
61)	T	1,2-Dibromoethane	0.302	0.291	0.318	0.297	0.318	0.290	0.303	4.20
62)	S	4-Bromofluorob...	0.542	0.515	0.516	0.460	0.476	0.452	0.494	7.23
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.345	0.334	0.333	0.324	0.319	0.323	0.330	2.91
65)	PM	Chlorobenzene	1.216	1.227	1.257	1.244	1.193	1.205	1.224	1.97
66)	T	1,1,1,2-Tetrac...	0.379	0.366	0.394	0.377	0.377	0.383	0.379	2.40
67)	C	Ethyl Benzene	2.167	2.107	2.165	2.226	2.099	2.137	2.150	2.16#
68)	T	m/p-Xylenes	0.808	0.801	0.829	0.823	0.794	0.802	0.809	1.68
69)	T	o-Xylene	0.734	0.742	0.774	0.796	0.769	0.780	0.766	3.08
70)	T	Styrene	1.277	1.260	1.344	1.361	1.276	1.308	1.304	3.12
71)	P	Bromoform	0.202	0.182	0.208	0.219	0.223	0.211	0.207	7.09
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.192	4.207	4.224	4.405	4.614	4.387	4.338	3.78
74)	T	N-amyl acetate	1.138	1.029	1.188	1.193	1.319	1.171	1.173	7.98
75)	P	1,1,2,2-Tetrac...	0.947	0.851	0.964	0.914	0.982	0.868	0.921	5.73
76)	T	1,2,3-Trichlor...	0.728	0.641	0.704	0.690	0.735	0.643	0.690	5.90
77)	T	Bromobenzene	0.924	0.906	0.982	0.909	0.974	0.938	0.939	3.45
78)	T	n-propylbenzene	5.336	5.173	5.267	5.332	5.578	5.284	5.328	2.55
79)	T	2-Chlorotoluene	3.196	3.091	3.176	3.131	3.306	3.187	3.181	2.29
80)	T	1,3,5-Trimethy...	3.536	3.502	3.620	3.593	3.923	3.657	3.638	4.13
81)	T	trans-1,4-Dich...	0.275	0.256	0.301	0.300	0.349	0.313	0.299	10.67
82)	T	4-Chlorotoluene	3.414	3.360	3.311	3.278	3.384	3.277	3.337	1.72
83)	T	tert-Butylbenzene	3.105	2.985	3.028	3.080	3.325	3.074	3.099	3.82
84)	T	1,2,4-Trimethy...	3.699	3.640	3.651	3.685	3.787	3.634	3.683	1.56
85)	T	sec-Butylbenzene	4.715	4.590	4.604	4.619	4.748	4.651	4.654	1.38
86)	T	p-Isopropyltol...	3.892	3.746	3.759	3.842	4.056	3.788	3.847	3.02
87)	T	1,3-Dichlorobe...	2.060	1.901	2.017	1.911	1.977	1.858	1.954	3.94
88)	T	1,4-Dichlorobe...	2.044	1.907	1.985	1.824	1.942	1.783	1.914	5.13
89)	T	n-Butylbenzene	3.842	3.598	3.663	3.827	3.966	3.747	3.774	3.53
90)	T	Hexachloroethane	0.686	0.600	0.648	0.643	0.713	0.701	0.665	6.35
91)	T	1,2-Dichlorobe...	1.806	1.694	1.765	1.677	1.802	1.646	1.732	3.94
92)	T	1,2-Dibromo-3-...	0.183	0.145	0.169	0.160	0.180	0.160	0.166	8.54
93)	T	1,2,4-Trichlor...	1.113	0.952	1.036	0.984	1.171	1.010	1.044	7.92
94)	T	Hexachlorobuta...	0.524	0.459	0.486	0.489	0.525	0.486	0.495	5.14
95)	T	Naphthalene	2.581	2.257	2.534	2.535	2.913	2.584	2.567	8.14
96)	T	1,2,3-Trichlor...	0.976	0.898	0.907	0.935	1.042	0.920	0.946	5.73

(#) = Out of Range