

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
 Method File : 82W111025S.M
 Title : SW846 8260
 Last Update : Tue Nov 11 03:48:21 2025
 Response Via : Initial Calibration

Calibration Files

5 =VW032406.D 10 =VW032407.D 20 =VW032408.D 50 =VW032409.D 100 =VW032410.D 150 =VW032411.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.288	0.282	0.231	0.248	0.243	0.230	0.254	9.97
3) P	Chloromethane	0.476	0.439	0.408	0.408	0.438	0.440	0.435	5.84
4) C	Vinyl Chloride	0.591	0.567	0.525	0.538	0.543	0.528	0.549	4.64#
5) T	Bromomethane	0.402	0.371	0.350	0.358	0.364	0.358	0.367	5.06
6) T	Chloroethane	0.382	0.361	0.340	0.355	0.362	0.354	0.359	3.85
7) T	Trichlorofluor...	0.420	0.416	0.392	0.459	0.442	0.452	0.430	5.87
8) T	Diethyl Ether	0.376	0.359	0.337	0.340	0.351	0.348	0.352	4.00
9) T	1,1,2-Trichlor...	0.506	0.495	0.438	0.467	0.458	0.449	0.469	5.65
10) T	Methyl Iodide	0.771	0.762	0.725	0.744	0.781	0.747	0.755	2.68
11) T	Tert butyl alc...	0.055	0.063	0.057	0.054	0.054	0.052	0.056	6.52
12) CM	1,1-Dichloroet...	0.576	0.541	0.506	0.540	0.539	0.523	0.537	4.33#
13) T	Acrolein	0.095	0.095	0.096	0.090	0.094	0.092	0.094	2.32
14) T	Allyl chloride	1.051	1.034	0.979	1.041	1.065	1.031	1.034	2.84
15) T	Acrylonitrile	0.208	0.208	0.197	0.203	0.204	0.200	0.203	2.19
16) T	Acetone	0.216	0.194	0.183	0.186	0.190	0.188	0.193	6.27
17) T	Carbon Disulfide	1.604	1.574	1.497	1.608	1.644	1.603	1.588	3.14
18) T	Methyl Acetate	0.486	0.494	0.459	0.463	0.476	0.487	0.478	2.92
19) T	Methyl tert-bu...	1.186	1.163	1.107	1.139	1.126	1.076	1.133	3.47
20) T	Methylene Chlo...	0.789	0.741	0.682	0.640	0.658	0.629	0.690	9.09
21) T	trans-1,2-Dich...	0.646	0.619	0.596	0.603	0.624	0.598	0.615	3.07
22) T	Diisopropyl ether	2.154	2.132	2.078	2.085	2.134	2.043	2.104	2.01
23) T	Vinyl Acetate	1.416	1.434	1.406	1.460	1.493	1.440	1.442	2.19
24) P	1,1-Dichloroet...	1.217	1.156	1.091	1.148	1.168	1.138	1.153	3.55
25) T	2-Butanone	0.292	0.288	0.282	0.280	0.284	0.278	0.284	1.87
26) T	2,2-Dichloropr...	0.719	0.681	0.616	0.619	0.629	0.592	0.643	7.38
27) T	cis-1,2-Dichlo...	0.764	0.727	0.713	0.729	0.748	0.723	0.734	2.53
28) T	Bromochloromet...	0.606	0.563	0.533	0.502	0.538	0.527	0.545	6.59
29) T	Tetrahydrofuran	0.184	0.182	0.178	0.181	0.182	0.175	0.180	1.71
30) C	Chloroform	1.164	1.165	1.089	1.109	1.141	1.103	1.129	2.89#
31) T	Cyclohexane	1.236	1.141	1.016	1.027	1.003	0.976	1.066	9.46
32) T	1,1,1-Trichlor...	0.831	0.820	0.776	0.817	0.817	0.777	0.806	2.94
33) S	1,2-Dichloroet...	0.691	0.654	0.647	0.605	0.640	0.630	0.645	4.39
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.314	0.302	0.305	0.287	0.297	0.291	0.299	3.29
36) T	1,1-Dichloropr...	0.435	0.447	0.436	0.455	0.436	0.437	0.441	1.89
37) T	Ethyl Acetate	0.315	0.347	0.333	0.337	0.320	0.317	0.328	3.95
38) T	Carbon Tetrach...	0.392	0.398	0.386	0.399	0.386	0.391	0.392	1.41
39) T	Methylcyclohexane	0.560	0.575	0.562	0.598	0.562	0.572	0.571	2.55
40) TM	Benzene	1.410	1.473	1.410	1.437	1.413	1.380	1.420	2.22
41) T	Methacrylonitrile	0.161	0.174	0.193	0.187	0.182	0.184	0.180	6.34
42) TM	1,2-Dichloroet...	0.425	0.423	0.416	0.421	0.409	0.409	0.417	1.70
43) T	Isopropyl Acetate	0.556	0.583	0.575	0.604	0.581	0.586	0.581	2.68
44) TM	Trichloroethene	0.336	0.340	0.327	0.335	0.323	0.323	0.331	2.20
45) C	1,2-Dichloropr...	0.356	0.360	0.354	0.356	0.350	0.346	0.354	1.37#
46) T	Dibromomethane	0.207	0.210	0.210	0.211	0.202	0.200	0.207	2.36
47) T	Bromodichlorom...	0.460	0.469	0.456	0.482	0.481	0.482	0.471	2.46
48) T	Methyl methacr...	0.261	0.261	0.261	0.303	0.275	0.295	0.276	6.80
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	3.45
50) S	Toluene-d8	1.171	1.176	1.152	1.130	1.136	1.125	1.148	1.87
51) T	4-Methyl-2-Pen...	0.304	0.329	0.330	0.336	0.317	0.311	0.321	3.90
52) CM	Toluene	0.875	0.896	0.870	0.894	0.870	0.859	0.877	1.69#
53) T	t-1,3-Dichloro...	0.445	0.481	0.469	0.504	0.508	0.507	0.486	5.23
54) T	cis-1,3-Dichlo...	0.531	0.553	0.556	0.579	0.576	0.574	0.562	3.24
55) T	1,1,2-Trichlor...	0.288	0.283	0.282	0.293	0.278	0.277	0.284	2.14
56) T	Ethyl methacry...	0.389	0.428	0.436	0.458	0.449	0.450	0.435	5.71

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57)	T	1,3-Dichloropr...	0.495	0.517	0.512	0.523	0.497	0.495	0.506	2.43
58)	T	2-Chloroethyl ...	0.218	0.236	0.237	0.226	0.238	0.235	0.232	3.45
59)	T	2-Hexanone	0.223	0.245	0.241	0.244	0.231	0.226	0.235	4.02
60)	T	Dibromochlorom...	0.306	0.317	0.314	0.320	0.320	0.322	0.317	1.86
61)	T	1,2-Dibromoethane	0.261	0.292	0.279	0.281	0.272	0.272	0.276	3.84
62)	S	4-Bromofluorob...	0.444	0.444	0.454	0.415	0.426	0.421	0.434	3.56
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.298	0.304	0.285	0.300	0.303	0.287	0.296	2.79
65)	PM	Chlorobenzene	1.087	1.088	1.042	1.133	1.093	1.023	1.078	3.68
66)	T	1,1,1,2-Tetrac...	0.338	0.328	0.324	0.339	0.346	0.327	0.334	2.52
67)	C	Ethyl Benzene	1.875	1.853	1.822	1.943	1.915	1.779	1.865	3.23#
68)	T	m/p-Xylenes	0.692	0.713	0.679	0.732	0.708	0.677	0.700	3.02
69)	T	o-Xylene	0.668	0.659	0.662	0.682	0.699	0.653	0.670	2.54
70)	T	Styrene	1.104	1.146	1.132	1.208	1.212	1.118	1.153	4.01
71)	P	Bromoform	0.187	0.201	0.193	0.203	0.205	0.196	0.198	3.53
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.523	3.562	3.511	3.968	3.781	3.689	3.672	4.87
74)	T	N-amyl acetate	1.175	1.202	1.245	1.403	1.334	1.298	1.276	6.70
75)	P	1,1,2,2-Tetrac...	0.886	0.869	0.845	0.927	0.871	0.831	0.871	3.84
76)	T	1,2,3-Trichlor...	0.735	0.749	0.730	0.671	0.621	0.606	0.686	9.02
77)	T	Bromobenzene	0.877	0.865	0.811	0.942	0.863	0.860	0.869	4.86
78)	T	n-propylbenzene	4.287	4.362	4.312	4.819	4.565	4.488	4.472	4.48
79)	T	2-Chlorotoluene	2.669	2.699	2.630	2.874	2.789	2.719	2.730	3.23
80)	T	1,3,5-Trimethy...	2.919	2.983	2.969	3.242	3.086	2.978	3.030	3.87
81)	T	trans-1,4-Dich...	0.263	0.281	0.277	0.328	0.323	0.325	0.299	9.73
82)	T	4-Chlorotoluene	2.804	2.776	2.752	3.008	2.858	2.837	2.839	3.22
83)	T	tert-Butylbenzene	2.567	2.531	2.515	2.880	2.687	2.632	2.635	5.17
84)	T	1,2,4-Trimethy...	3.047	3.050	2.963	3.291	3.071	3.067	3.081	3.56
85)	T	sec-Butylbenzene	3.938	3.846	3.784	4.197	3.902	3.883	3.925	3.65
86)	T	p-Isopropyltol...	3.148	3.210	3.114	3.434	3.289	3.249	3.241	3.53
87)	T	1,3-Dichlorobe...	1.665	1.630	1.620	1.721	1.659	1.596	1.648	2.66
88)	T	1,4-Dichlorobe...	1.776	1.680	1.644	1.774	1.658	1.602	1.689	4.24
89)	T	n-Butylbenzene	3.059	3.073	3.087	3.388	3.184	3.206	3.166	3.94
90)	T	Hexachloroethane	0.563	0.564	0.540	0.624	0.598	0.617	0.584	5.77
91)	T	1,2-Dichlorobe...	1.547	1.528	1.464	1.545	1.509	1.488	1.513	2.19
92)	T	1,2-Dibromo-3-...	0.145	0.146	0.145	0.159	0.152	0.154	0.150	3.85
93)	T	1,2,4-Trichlor...	0.943	0.917	0.923	1.032	0.972	0.992	0.963	4.62
94)	T	Hexachlorobuta...	0.408	0.386	0.366	0.422	0.404	0.414	0.400	5.17
95)	T	Naphthalene	2.182	2.294	2.276	2.598	2.586	2.472	2.401	7.29
96)	T	1,2,3-Trichlor...	0.892	0.831	0.836	0.901	0.880	0.906	0.874	3.76

(#) = Out of Range