

Method Path : Z:\voasrv\HPCHEM1\MSVOA_R\methods\
 Method File : 82R080425W.M
 Title : SW846 8260
 Last Update : Tue Aug 05 02:27:49 2025
 Response Via : Initial Calibration

Calibration Files

5 =VR026688.D 10 =VR026689.D 20 =VR026690.D 50 =VR026691.D 100 =VR026692.D

Compound		5	10	20	50	100	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.351	0.385	0.375	0.357	0.355	0.364	4.07
3) P	Chloromethane	0.552	0.576	0.556	0.512	0.512	0.542	5.26
4) C	Vinyl Chloride	0.602	0.577	0.572	0.518	0.499	0.554	7.75#
5) T	Bromomethane	0.293	0.296	0.282	0.258	0.220	0.270	11.76
6) T	Chloroethane	0.400	0.403	0.358	0.324	0.296	0.356	13.07
7) T	Trichlorofluorom...	1.024	1.081	1.034	0.966	0.884	0.998	7.59
8) T	Diethyl Ether	0.439	0.448	0.461	0.434	0.432	0.443	2.69
9) T	1,1,2-Trichlorot...	0.540	0.537	0.550	0.527	0.536	0.538	1.57
10) T	Methyl Iodide	0.481	0.522	0.537	0.526	0.531	0.519	4.30
11) T	Tert butyl alcohol	0.091	0.097	0.108	0.100	0.099	0.099	5.95
12) CM	1,1-Dichloroethene	0.500	0.562	0.541	0.524	0.533	0.532	4.27#
13) T	Acrolein	0.139	0.143	0.151	0.146	0.146	0.145	3.12
14) T	Allyl chloride	1.023	1.148	1.137	0.971	0.953	1.046	8.73
15) T	Acrylonitrile	0.357	0.405	0.413	0.406	0.385	0.393	5.83
16) T	Acetone	0.279	0.303	0.295	0.311	0.297	0.297	3.92
17) T	Carbon Disulfide	0.743	0.785	0.798	0.789	0.821	0.787	3.60
18) T	Methyl Acetate	1.123	1.300	1.337	1.248	1.191	1.240	6.90
19) T	Methyl tert-buty...	2.002	2.221	2.208	2.110	2.101	2.129	4.20
20) T	Methylene Chloride	0.699	0.739	0.742	0.674	0.671	0.705	4.88
21) T	trans-1,2-Dichlo...	0.570	0.612	0.607	0.571	0.564	0.585	3.88
22) T	Diisopropyl ether	2.268	2.532	2.663	2.428	2.369	2.452	6.19
23) T	Vinyl Acetate	1.375	1.511	1.550	1.409	1.146	1.398	11.31
24) P	1,1-Dichloroethane	1.203	1.318	1.298	1.199	1.190	1.242	4.94
25) T	2-Butanone	0.410	0.473	0.484	0.476	0.456	0.460	6.44
26) T	2,2-Dichloropropane	0.800	0.870	0.861	0.870	0.892	0.858	4.06
27) T	cis-1,2-Dichloro...	0.701	0.784	0.753	0.756	0.767	0.752	4.14
28) T	Bromochloromethane	0.501	0.466	0.462	0.404	0.404	0.447	9.51
29) C	Chloroform	1.042	1.081	1.119	1.072	1.064	1.076	2.64#
30) T	Cyclohexane	1.108	1.066	1.011	0.921	0.909	1.003	8.72
31) T	1,1,1-Trichloroe...	0.712	0.802	0.786	0.787	0.798	0.777	4.77
32) S	1,2-Dichloroetha...		0.634	0.630	0.642	0.625	0.633	1.09
33) I	1,4-Difluorobenzene	-----ISTD-----						
34) S	Dibromofluoromet...		0.312	0.288	0.320	0.317	0.309	4.74
35) T	1,1-Dichloropropene	0.352	0.412	0.383	0.396	0.408	0.390	6.25
36) T	Ethyl Acetate	0.434	0.477	0.484	0.475	0.466	0.467	4.21
37) T	Carbon Tetrachlo...	0.293	0.307	0.316	0.327	0.346	0.318	6.30
38) T	Methylcyclohexane	0.428	0.449	0.442	0.449	0.465	0.447	3.00
39) TM	Benzene	1.346	1.413	1.427	1.415	1.424	1.405	2.37
40) T	Methacrylonitrile	0.272	0.289	0.304	0.287	0.300	0.290	4.30
41) TM	1,2-Dichloroethane	0.340	0.375	0.366	0.350	0.356	0.357	3.87
42) T	Isopropyl Acetate	0.668	0.758	0.787	0.768	0.774	0.751	6.33
43) TM	Trichloroethene	0.251	0.282	0.283	0.263	0.272	0.270	5.00
44) C	1,2-Dichloropropane	0.334	0.331	0.334	0.326	0.337	0.332	1.23#
45) T	Dibromomethane	0.172	0.193	0.188	0.180	0.191	0.185	4.59
46) T	Bromodichloromet...	0.313	0.360	0.360	0.368	0.390	0.358	7.87
47) T	Methyl methacrylate	0.274	0.317	0.354	0.345	0.354	0.329	10.45
48) T	1,4-Dioxane	0.005	0.005	0.006	0.005	0.006	0.005	13.23
49) S	Toluene-d8		1.098	1.060	1.148	1.126	1.108	3.44
50) T	4-Methyl-2-Penta...	0.349	0.403	0.422	0.412	0.375	0.392	7.62
51) CM	Toluene	0.673	0.725	0.715	0.718	0.755	0.717	4.09#
52) T	t-1,3-Dichloropr...	0.299	0.338	0.348	0.367	0.404	0.351	10.94
53) T	cis-1,3-Dichloro...	0.363	0.413	0.428	0.439	0.463	0.421	8.80
54) T	1,1,2-Trichloroe...	0.239	0.261	0.270	0.266	0.274	0.262	5.35
55) T	Ethyl methacrylate	0.374	0.410	0.428	0.464	0.487	0.433	10.31
56) T	1,3-Dichloropropane	0.420	0.444	0.442	0.456	0.470	0.446	4.15

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57)	T	2-Chloroethyl Vi...	0.014	0.018	0.022	0.028	0.038	0.024	39.67
58)	T	2-Hexanone	0.214	0.257	0.278	0.292	0.280	0.264	11.56
59)	T	Dibromochloromet...	0.193	0.210	0.225	0.231	0.249	0.222	9.58
60)	T	1,2-Dibromoethane	0.200	0.231	0.227	0.228	0.241	0.225	6.74
61)	S	4-Bromofluoroben...	0.314	0.293	0.323	0.330	0.315		5.13
62)	I	Chlorobenzene-d5	-----ISTD-----						
63)	T	Tetrachloroethene	0.271	0.288	0.267	0.267	0.272	0.273	3.16
64)	PM	Chlorobenzene	0.982	1.092	1.071	1.026	1.031	1.041	4.11
65)	T	1,1,1,2-Tetrachl...	0.244	0.279	0.285	0.300	0.313	0.284	9.27
66)	C	Ethyl Benzene	1.610	1.756	1.806	1.763	1.752	1.737	4.30#
67)	T	m/p-Xylenes	0.632	0.706	0.718	0.700	0.715	0.694	5.13
68)	T	o-Xylene	0.580	0.680	0.703	0.687	0.719	0.674	8.09
69)	T	Styrene	0.974	1.137	1.158	1.151	1.211	1.126	7.95
70)	P	Bromoform	0.130	0.146	0.167	0.176	0.185	0.161	14.01

71)	I	1,4-Dichlorobenzen...	-----ISTD-----						
72)	T	Isopropylbenzene	3.499	3.725	3.690	3.512	3.393	3.564	3.92
73)	T	N-amyl acetate	1.262	1.399	1.463	1.439	1.501	1.413	6.50
74)	P	1,1,2,2-Tetrachl...	0.981	1.087	1.077	1.037	1.046	1.046	4.00
75)	T	1,2,3-Trichlorop...	0.793	0.851	0.854	0.810	0.836	0.829	3.23
76)	T	Bromobenzene	0.830	0.860	0.827	0.799	0.807	0.825	2.90
77)	T	n-propylbenzene	4.154	4.403	4.454	4.238	4.010	4.252	4.27
78)	T	2-Chlorotoluene	2.415	2.515	2.443	2.334	2.355	2.412	2.99
79)	T	1,3,5-Trimethylb...	2.660	2.869	2.869	2.772	2.763	2.787	3.13
80)	T	trans-1,4-Dichlo...	0.226	0.271	0.271	0.311	0.344	0.285	15.85
81)	T	4-Chlorotoluene	2.447	2.633	2.460	2.373	2.408	2.464	4.07
82)	T	tert-Butylbenzene	2.349	2.672	2.603	2.530	2.519	2.535	4.77
83)	T	1,2,4-Trimethylb...	2.477	2.828	2.818	2.846	2.824	2.759	5.72
84)	T	sec-Butylbenzene	3.448	3.971	3.868	3.819	3.689	3.759	5.35
85)	T	p-Isopropyltoluene	2.820	3.033	3.077	3.189	3.205	3.065	5.06
86)	T	1,3-Dichlorobenzene	1.559	1.646	1.599	1.624	1.656	1.617	2.41
87)	T	1,4-Dichlorobenzene	1.640	1.680	1.618	1.579	1.597	1.623	2.43
88)	T	n-Butylbenzene	2.557	2.870	2.857	2.917	2.924	2.825	5.39
89)	T	Hexachloroethane	0.402	0.410	0.456	0.455	0.478	0.440	7.39
90)	T	1,2-Dichlorobenzene	1.439	1.614	1.550	1.472	1.518	1.519	4.50
91)	T	1,2-Dibromo-3-Ch...	0.120	0.146	0.152	0.135	0.143	0.139	8.86
92)	T	1,2,4-Trichlorob...	0.891	0.886	0.939	0.875	0.948	0.908	3.66
93)	T	Hexachlorobutadiene	0.331	0.298	0.287	0.272	0.288	0.295	7.47
94)	T	Naphthalene	2.401	2.812	2.978	2.770	2.952	2.783	8.31
95)	T	1,2,3-Trichlorob...	0.793	0.891	0.871	0.860	0.895	0.862	4.80

(#) = Out of Range