

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X040522W.M
 Title : SW846 8260
 Last Update : Tue Apr 05 15:58:31 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX027977.D 5 =VX027978.D 20 =VX027979.D 50 =VX027980.D 100 =VX027981.D 150 =VX027982.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.602	0.524	0.559	0.515	0.563	0.581	0.557	5.93
3) P	Chloromethane	0.552	0.467	0.465	0.432	0.458	0.499	0.479	8.76
4) C	Vinyl Chloride	0.581	0.490	0.484	0.465	0.511	0.547	0.513	8.50#
5) T	Bromomethane		0.215	0.190	0.193	0.208	0.212	0.203	5.50
6) T	Chloroethane	0.398	0.309	0.304	0.267	0.303	0.274	0.309	15.08
7) T	Trichlorofluor...	0.872	0.782	0.795	0.753	0.850	0.834	0.814	5.57
8) T	Diethyl Ether	0.303	0.271	0.264	0.247	0.282	0.280	0.275	6.86
9) T	1,1,2-Trichlor...	0.495	0.494	0.494	0.459	0.516	0.510	0.495	3.97
10) T	Methyl Iodide		0.474	0.548	0.618	0.703	0.687	0.606	15.84
11) T	Tert butyl alc...		0.103	0.109	0.108	0.125	0.126	0.114	9.52
12) CM	1,1-Dichloroet...	0.496	0.422	0.467	0.448	0.506	0.490	0.471	6.76#
13) T	Acrolein		0.099	0.100	0.091	0.113	0.113	0.103	9.29
14) T	Allyl chloride	0.707	0.663	0.679	0.671	0.773	0.797	0.715	7.91
15) T	Acrylonitrile	0.276	0.260	0.265	0.253	0.284	0.299	0.273	6.17
16) T	Acetone	0.275	0.223	0.223	0.213	0.236	0.229	0.233	9.35
17) T	Carbon Disulfide	1.469	1.129	1.198	1.152	1.312	1.325	1.264	10.20
18) T	Methyl Acetate	0.607	0.587	0.584	0.561	0.636	0.648	0.604	5.50
19) T	Methyl tert-bu...	1.614	1.412	1.492	1.425	1.614	1.714	1.545	7.79
20) T	Methylene Chlo...	0.533	0.510	0.521	0.486	0.541	0.549	0.523	4.38
21) T	trans-1,2-Dich...	0.571	0.499	0.496	0.471	0.536	0.549	0.521	7.26
22) T	Diisopropyl ether	1.436	1.284	1.373	1.331	1.498	1.638	1.427	8.99
23) T	Vinyl Acetate	1.106	1.115	1.184	1.198	1.357	1.474	1.239	11.81
24) P	1,1-Dichloroet...	0.873	0.814	0.830	0.805	0.912	0.967	0.867	7.31
25) T	2-Butanone	0.364	0.354	0.358	0.360	0.404	0.447	0.381	9.73
26) T	2,2-Dichloropr...	0.595	0.607	0.648	0.644	0.737	0.808	0.673	12.30
27) T	cis-1,2-Dichlo...	0.632	0.566	0.571	0.566	0.631	0.645	0.602	6.29
28) T	Bromochloromet...	0.336	0.319	0.307	0.335	0.367	0.400	0.344	9.92
29) T	Tetrahydrofuran	0.230	0.226	0.232	0.237	0.259	0.292	0.246	10.31
30) C	Chloroform	0.911	0.886	0.923	0.901	1.018	1.100	0.956	8.82#
31) T	Cyclohexane		0.740	0.768	0.755	0.843	0.932	0.808	9.87
32) T	1,1,1-Trichlor...	0.779	0.802	0.815	0.823	0.923	1.016	0.860	10.60
33) S	1,2-Dichloroet...		0.597	0.606	0.536	0.624	0.756	0.624	12.97
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.353	0.340	0.308	0.346	0.346	0.338	5.23
36) T	1,1-Dichloropr...	0.466	0.419	0.423	0.424	0.461	0.476	0.445	5.78
37) T	Ethyl Acetate	0.451	0.427	0.418	0.437	0.478	0.512	0.454	7.87
38) T	Carbon Tetrach...	0.482	0.467	0.474	0.479	0.521	0.543	0.494	6.16
39) T	Methylcyclohexane	0.549	0.540	0.547	0.527	0.604	0.573	0.557	4.96
40) TM	Benzene	1.217	1.225	1.260	1.250	1.378	1.344	1.279	5.18
41) T	Methacrylonitrile	0.227	0.206	0.227	0.238	0.264	0.276	0.240	10.87
42) TM	1,2-Dichloroet...	0.433	0.449	0.450	0.438	0.476	0.542	0.465	8.77
43) T	Isopropyl Acetate	0.625	0.642	0.671	0.678	0.759	0.854	0.705	12.30
44) TM	Trichloroethene	0.387	0.356	0.391	0.366	0.407	0.384	0.382	4.72
45) C	1,2-Dichloropr...	0.283	0.280	0.309	0.297	0.341	0.339	0.308	8.69#
46) T	Dibromomethane	0.259	0.245	0.245	0.241	0.266	0.253	0.251	3.88
47) T	Bromodichlorom...	0.432	0.434	0.444	0.452	0.507	0.509	0.463	7.73
48) T	Methyl methacr...	0.262	0.314	0.329	0.341	0.385	0.398	0.338	14.67
49) T	1,4-Dioxane	0.008	0.009	0.009	0.009	0.010	0.009	0.009	6.85
50) S	Toluene-d8		1.244	1.259	1.131	1.296	1.251	1.236	5.02
51) T	4-Methyl-2-Pen...	0.389	0.440	0.462	0.455	0.513	0.512	0.462	10.11
52) CM	Toluene	0.810	0.846	0.846	0.824	0.910	0.870	0.851	4.21#
53) T	t-1,3-Dichloro...	0.445	0.399	0.439	0.467	0.540	0.519	0.468	11.22
54) T	cis-1,3-Dichlo...	0.466	0.466	0.502	0.510	0.571	0.561	0.513	8.81
55) T	1,1,2-Trichlor...	0.349	0.329	0.341	0.340	0.378	0.359	0.349	4.97
56) T	Ethyl methacry...	0.418	0.459	0.497	0.508	0.594	0.590	0.511	13.76

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57)	T	1,3-Dichloropr...	0.525	0.527	0.551	0.537	0.600	0.586	0.555	5.70
58)	T	2-Chloroethyl ...	0.238	0.217	0.241	0.244	0.278	0.279	0.249	9.88
59)	T	2-Hexanone	0.325	0.336	0.353	0.357	0.413	0.357	0.357	8.52
60)	T	Dibromochlorom...	0.352	0.339	0.369	0.374	0.430	0.400	0.377	8.75
61)	T	1,2-Dibromoethane	0.327	0.347	0.370	0.366	0.416	0.389	0.369	8.47
62)	S	4-Bromofluorob...	0.473	0.493	0.450	0.531	0.484	0.486		6.08
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.404	0.421	0.394	0.372	0.403	0.368	0.394	5.18
65)	PM	Chlorobenzene	1.074	1.038	1.038	0.980	1.107	1.042	1.047	4.07
66)	T	1,1,1,2-Tetrac...	0.407	0.364	0.374	0.361	0.412	0.390	0.385	5.66
67)	C	Ethyl Benzene	1.811	1.707	1.804	1.737	1.934	1.852	1.808	4.50#
68)	T	m/p-Xylenes	0.682	0.690	0.717	0.685	0.762	0.726	0.710	4.35
69)	T	o-Xylene	0.655	0.674	0.690	0.658	0.745	0.703	0.687	4.91
70)	T	Styrene	0.975	1.106	1.171	1.139	1.281	1.211	1.147	9.06
71)	P	Bromoform	0.282	0.283	0.304	0.304	0.361	0.343	0.313	10.27
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.451	3.496	3.497	3.411	3.725	3.364	3.491	3.60
74)	T	N-amyl acetate	0.998	1.124	1.202	1.226	1.464	1.287	1.217	12.89
75)	P	1,1,2,2-Tetrac...	1.208	1.153	1.164	1.098	1.194	1.074	1.149	4.63
76)	T	1,2,3-Trichlor...	1.081	1.049	1.007	1.007	1.079	0.935	1.027	5.42
77)	T	Bromobenzene	1.029	0.894	0.867	0.871	0.947	0.879	0.915	6.92
78)	T	n-propylbenzene	3.740	3.861	4.036	3.984	4.338	3.929	3.981	5.09
79)	T	2-Chlorotoluene	2.543	2.573	2.502	2.390	2.633	2.374	2.502	4.11
80)	T	1,3,5-Trimethy...	2.785	2.988	3.053	2.973	3.251	2.950	3.000	5.06
81)	T	trans-1,4-Dich...	0.266	0.292	0.326	0.387	0.358	0.326		14.98
82)	T	4-Chlorotoluene	2.779	2.886	2.851	2.805	3.071	2.760	2.859	3.98
83)	T	tert-Butylbenzene	3.213	2.945	2.911	2.914	3.169	2.964	3.019	4.48
84)	T	1,2,4-Trimethy...	2.894	3.023	3.036	2.994	3.270	3.009	3.038	4.10
85)	T	sec-Butylbenzene	3.547	3.617	3.676	3.616	4.014	3.681	3.692	4.47
86)	T	p-Isopropyltol...	2.829	2.934	3.172	3.142	3.485	3.263	3.138	7.47
87)	T	1,3-Dichlorobe...	1.697	1.688	1.680	1.639	1.847	1.695	1.708	4.18
88)	T	1,4-Dichlorobe...	1.830	1.645	1.677	1.654	1.828	1.699	1.722	4.93
89)	T	n-Butylbenzene	2.334	2.489	2.643	2.671	3.014	2.785	2.656	8.85
90)	T	Hexachloroethane	0.435	0.452	0.489	0.495	0.575	0.553	0.500	11.01
91)	T	1,2-Dichlorobe...	1.636	1.628	1.707	1.600	1.751	1.648	1.662	3.39
92)	T	1,2-Dibromo-3-...	0.251	0.245	0.257	0.261	0.289	0.311	0.269	9.55
93)	T	1,2,4-Trichlor...	1.108	1.028	1.041	1.060	1.167	1.056	1.077	4.82
94)	T	Hexachlorobuta...	0.614	0.507	0.488	0.478	0.530	0.470	0.515	10.36
95)	T	Naphthalene	3.122	3.261	3.573	3.547	3.930	3.588	3.504	8.07
96)	T	1,2,3-Trichlor...	1.044	0.992	1.056	1.038	1.156	1.026	1.052	5.26

(#) = Out of Range