

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X081723W.M
 Title : SW846 8260
 Last Update : Fri Aug 18 09:30:38 2023
 Response Via : Initial Calibration

Calibration Files

1 =VX037067.D 5 =VX037059.D 20 =VX037060.D 50 =VX037061.D 100 =VX037062.D 150 =VX037063.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.479	0.490	0.673	0.587	0.605	0.650	0.581	13.85
3) P	Chloromethane	0.452	0.450	0.524	0.551	0.521	0.550	0.508	9.00
4) C	Vinyl Chloride	0.528	0.503	0.586	0.562	0.554	0.586	0.553	5.94#
5) T	Bromomethane		0.267	0.320	0.272	0.259	0.259	0.276	9.18
6) T	Chloroethane	0.338	0.297	0.366	0.315	0.311		0.325	8.33
7) T	Trichlorofluor...	0.936	0.920	1.019	0.888	0.882	0.790	0.906	8.29
8) T	Diethyl Ether	0.346	0.334	0.354	0.389	0.344	0.336	0.351	5.70
9) T	1,1,2-Trichlor...	0.546	0.523	0.561	0.504	0.511	0.527	0.529	4.07
10) T	Methyl Iodide		0.518	0.662	0.715	0.664	0.652	0.642	11.42
11) T	Tert butyl alc...		0.161	0.172	0.181	0.166	0.165	0.169	4.46
12) CM	1,1-Dichloroet...	0.510	0.512	0.541	0.515	0.497	0.513	0.515	2.82#
13) T	Acrolein		0.142	0.122	0.136	0.125	0.118	0.129	7.69
14) T	Allyl chloride	0.787	0.753	0.838	0.876	0.774	0.752	0.797	6.26
15) T	Acrylonitrile	0.289	0.287	0.310	0.332	0.301	0.292	0.302	5.59
16) T	Acetone	0.300	0.282	0.289	0.296	0.266	0.259	0.282	5.88
17) T	Carbon Disulfide	1.443	1.203	1.332	1.286	1.267	1.325	1.309	6.14
18) T	Methyl Acetate	1.057	1.010	1.092	1.164	1.044	1.004	1.062	5.60
19) T	Methyl tert-bu...	1.839	1.879	2.012	2.154	1.942	1.888	1.952	5.92
20) T	Methylene Chlo...	0.790	0.600	0.597	0.632	0.580	0.585	0.631	12.75
21) T	trans-1,2-Dich...	0.566	0.573	0.604	0.613	0.576	0.578	0.585	3.22
22) T	Diisopropyl ether	1.547	1.598	1.691	1.785	1.610	1.578	1.635	5.39
23) T	Vinyl Acetate	1.104	1.188	1.318	1.416	1.272	1.220	1.253	8.66
24) P	1,1-Dichloroet...	0.972	0.998	1.064	1.099	1.013	1.005	1.025	4.61
25) T	2-Butanone	0.399	0.418	0.439	0.467	0.419	0.406	0.425	5.87
26) T	2,2-Dichloropr...	0.863	0.908	0.960	0.940	0.885	0.938	0.916	4.01
27) T	cis-1,2-Dichlo...	0.647	0.668	0.716	0.739	0.686	0.683	0.690	4.83
28) T	Bromochloromet...	0.440	0.457	0.452	0.503	0.456	0.440	0.458	5.08
29) T	Tetrahydrofuran	0.255	0.266	0.279	0.298	0.267	0.259	0.271	5.87
30) C	Chloroform	1.159	1.094	1.179	1.234	1.128	1.110	1.151	4.47#
31) T	Cyclohexane		0.827	0.871	0.758	0.780	0.817	0.811	5.37
32) T	1,1,1-Trichlor...	0.972	0.990	1.083	1.066	1.029	1.047	1.031	4.20
33) S	1,2-Dichloroet...		0.765	0.604	0.781	0.745	0.709	0.721	9.80
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.344	0.273	0.344	0.349	0.345	0.331	9.79
36) T	1,1-Dichloropr...	0.488	0.470	0.487	0.451	0.451	0.476	0.470	3.49
37) T	Ethyl Acetate	0.496	0.458	0.482	0.508	0.472	0.466	0.481	3.92
38) T	Carbon Tetrach...	0.498	0.479	0.535	0.499	0.512	0.542	0.511	4.68
39) T	Methylcyclohexane	0.523	0.504	0.529	0.426	0.469	0.514	0.494	7.97
40) TM	Benzene	1.268	1.335	1.407	1.401	1.334	1.350	1.349	3.77
41) T	Methacrylonitrile	0.231	0.233	0.259	0.272	0.253	0.251	0.250	6.23
42) TM	1,2-Dichloroet...	0.504	0.527	0.547	0.563	0.520	0.513	0.529	4.19
43) T	Isopropyl Acetate	0.668	0.746	0.794	0.828	0.775	0.767	0.763	7.12
44) TM	Trichloroethene	0.391	0.371	0.393	0.382	0.374	0.385	0.383	2.31
45) C	1,2-Dichloropr...	0.305	0.327	0.347	0.352	0.332	0.333	0.333	5.06#
46) T	Dibromomethane	0.239	0.260	0.265	0.282	0.263	0.264	0.262	5.30
47) T	Bromodichlorom...	0.444	0.466	0.512	0.543	0.522	0.525	0.502	7.65
48) T	Methyl methacr...	0.343	0.360	0.383	0.399	0.375	0.371	0.372	5.16
49) T	1,4-Dioxane	0.009	0.010	0.010	0.011	0.010	0.011	0.010	6.64
50) S	Toluene-d8		1.269	1.008	1.232	1.247	1.249	1.201	9.04
51) T	4-Methyl-2-Pen...	0.438	0.459	0.493	0.492	0.449	0.448	0.463	5.12
52) CM	Toluene	0.865	0.885	0.925	0.911	0.873	0.890	0.891	2.55#
53) T	t-1,3-Dichloro...	0.414	0.478	0.551	0.595	0.576	0.593	0.535	13.71
54) T	cis-1,3-Dichlo...	0.511	0.523	0.594	0.628	0.600	0.609	0.578	8.34
55) T	1,1,2-Trichlor...	0.340	0.347	0.375	0.384	0.365	0.366	0.363	4.60
56) T	Ethyl methacry...	0.507	0.529	0.588	0.616	0.581	0.589	0.569	7.27

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57)	T	1,3-Dichloropr...	0.598	0.595	0.627	0.645	0.602	0.604	0.612	3.25
58)	T	2-Chloroethyl ...	0.248	0.277	0.277	0.291	0.278	0.266	0.273	5.31
59)	T	2-Hexanone	0.317	0.345	0.373	0.379	0.351	0.355	0.353	6.27
60)	T	Dibromochlorom...	0.317	0.337	0.395	0.431	0.414	0.425	0.386	12.45
61)	T	1,2-Dibromoethane	0.373	0.371	0.414	0.424	0.403	0.399	0.397	5.41
62)	S	4-Bromofluorob...		0.483	0.389	0.476	0.496	0.517	0.472	10.43
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.395	0.373	0.381	0.350	0.340	0.348	0.365	5.95
65)	PM	Chlorobenzene	1.074	1.051	1.100	1.066	1.016	1.034	1.057	2.80
66)	T	1,1,1,2-Tetrac...	0.345	0.370	0.413	0.412	0.399	0.401	0.390	6.93
67)	C	Ethyl Benzene	1.882	1.884	1.942	1.849	1.776	1.824	1.860	3.06#
68)	T	m/p-Xylenes	0.735	0.713	0.744	0.714	0.692	0.711	0.718	2.57
69)	T	o-Xylene	0.698	0.698	0.736	0.718	0.691	0.711	0.708	2.35
70)	T	Styrene	1.078	1.100	1.213	1.216	1.177	1.219	1.167	5.36
71)	P	Bromoform	0.240	0.252	0.304	0.332	0.331		0.292	14.93
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.879	3.755	3.965	3.507	3.340	3.360	3.634	7.41
74)	T	N-amyl acetate	1.308	1.352	1.535	1.524	1.384	1.370	1.412	6.68
75)	P	1,1,2,2-Tetrac...	1.292	1.194	1.277	1.255	1.153	1.173	1.224	4.76
76)	T	1,2,3-Trichlor...	1.147	1.132	1.099	1.078	0.973	0.960	1.065	7.52
77)	T	Bromobenzene	0.905	0.866	0.935	0.904	0.860	0.855	0.888	3.61
78)	T	n-propylbenzene	4.208	4.135	4.428	3.882	3.782	3.845	4.047	6.23
79)	T	2-Chlorotoluene	2.784	2.608	2.755	2.553	2.405	2.411	2.586	6.31
80)	T	1,3,5-Trimethy...	3.024	3.138	3.327	2.984	2.849	2.867	3.032	5.93
81)	T	trans-1,4-Dich...		0.294	0.380	0.412	0.400	0.421	0.381	13.42
82)	T	4-Chlorotoluene	3.097	3.027	3.180	2.972	2.803	2.832	2.985	4.95
83)	T	tert-Butylbenzene	3.052	2.876	3.107	2.738	2.714	2.860	2.891	5.55
84)	T	1,2,4-Trimethy...	3.113	3.128	3.286	3.022	2.904	2.930	3.064	4.64
85)	T	sec-Butylbenzene	3.413	3.483	3.704	3.150	3.177	3.335	3.377	6.11
86)	T	p-Isopropyltol...	2.952	2.922	3.174	2.740	2.758	2.896	2.907	5.41
87)	T	1,3-Dichlorobe...	1.712	1.654	1.721	1.646	1.602	1.635	1.662	2.76
88)	T	1,4-Dichlorobe...	1.884	1.691	1.752	1.693	1.622	1.658	1.717	5.40
89)	T	n-Butylbenzene	2.438	2.383	2.588	2.238	2.331	2.484	2.410	5.06
90)	T	Hexachloroethane	0.428	0.431	0.514	0.485	0.505	0.549	0.485	9.87
91)	T	1,2-Dichlorobe...	1.581	1.632	1.677	1.673	1.589	1.611	1.627	2.51
92)	T	1,2-Dibromo-3-...	0.235	0.253	0.288	0.317	0.305	0.308	0.284	11.61
93)	T	1,2,4-Trichlor...	0.948	0.906	0.966	0.936	0.959	0.997	0.952	3.21
94)	T	Hexachlorobuta...	0.390	0.386	0.376	0.327	0.343	0.385	0.368	7.14
95)	T	Naphthalene	5.186	4.525	3.964	3.955	3.661	3.733	4.171	13.97
96)	T	1,2,3-Trichlor...	0.876	0.938	0.964	0.947	0.949	1.002	0.946	4.32

(#) = Out of Range