

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N020723W.M
 Title : SW846 8260
 Last Update : Wed Feb 08 09:04:43 2023
 Response Via : Initial Calibration

Calibration Files

5 =VN076559.D 10 =VN076560.D 20 =VN076561.D 50 =VN076562.D 75 =VN076563.D 1 =VN076558.D

	Compound	5	10	20	50	75	1	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.417	0.608	0.555	0.553	0.589	0.395	0.519	17.43
3) P	Chloromethane	0.452	0.529	0.461	0.448	0.465	0.510	0.477	7.02
4) C	Vinyl Chloride	0.415	0.472	0.425	0.445	0.441	0.431	0.438	4.49#
5) T	Bromomethane	0.361	0.363	0.324	0.290	0.287		0.325	11.30
6) T	Chloroethane	0.254	0.272	0.235	0.263	0.249	0.317	0.265	10.64
7) T	Trichlorofluor...	0.928	0.913	0.790	0.792	0.832	0.929	0.864	7.74
8) T	Diethyl Ether	0.324	0.345	0.309	0.326	0.343	0.316	0.327	4.42
9) T	1,1,2-Trichlor...	0.528	0.558	0.522	0.508	0.533	0.562	0.535	3.91
10) T	Methyl Iodide	0.700	0.827	0.773	0.789	0.825		0.783	6.59
11) T	Tert butyl alc...	0.079	0.078	0.073	0.075	0.079		0.077	3.53
12) CM	1,1-Dichloroet...	0.509	0.557	0.485	0.488	0.515	0.446	0.500	7.43#
13) T	Acrolein	0.113	0.097	0.095	0.102	0.107		0.103	7.27
14) T	Allyl chloride	0.605	0.714	0.674	0.625	0.659	0.631	0.651	6.04
15) T	Acrylonitrile	0.226	0.238	0.224	0.223	0.232	0.241	0.231	3.30
16) T	Acetone	0.207	0.203	0.184	0.180	0.176	0.218	0.195	8.67
17) T	Carbon Disulfide	1.209	1.356	1.265	1.268	1.360	1.314	1.295	4.54
18) T	Methyl Acetate	0.589	0.659	0.609	0.607	0.627	0.603	0.616	3.97
19) T	Methyl tert-bu...	1.660	1.722	1.623	1.627	1.703	1.642	1.663	2.47
20) T	Methylene Chlo...	0.630	0.614	0.558	0.548	0.573	0.675	0.600	8.16
21) T	trans-1,2-Dich...	0.535	0.569	0.518	0.525	0.548	0.566	0.543	3.88
22) T	Diisopropyl ether	1.489	1.576	1.449	1.456	1.515	1.370	1.476	4.69
23) T	Vinyl Acetate	0.920	0.934	0.920	0.946	0.987	0.833	0.923	5.49
24) P	1,1-Dichloroet...	0.955	1.002	0.920	0.906	0.960	0.945	0.948	3.57
25) T	2-Butanone	0.283	0.285	0.275	0.274	0.277	0.284	0.280	1.78
26) T	2,2-Dichloropr...	0.785	0.829	0.752	0.776	0.805	0.799	0.791	3.33
27) T	cis-1,2-Dichlo...	0.631	0.675	0.601	0.614	0.645	0.648	0.636	4.15
28) T	Bromochloromet...	0.401	0.373	0.374	0.373	0.410	0.347	0.380	6.00
29) T	Tetrahydrofuran	0.174	0.189	0.178	0.179	0.181	0.178	0.180	2.73
30) C	Chloroform	1.057	1.093	1.008	0.980	1.021	1.010	1.028	3.95#
31) T	Cyclohexane	1.038	0.985	0.889	0.856	0.896		0.933	8.12
32) T	1,1,1-Trichlor...	0.927	0.960	0.898	0.898	0.941	0.904	0.921	2.80
33) S	1,2-Dichloroet...	0.641	0.577	0.547	0.580	0.606		0.590	6.00
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.332	0.305	0.282	0.308	0.327		0.311	6.39
36) T	1,1-Dichloropr...	0.440	0.456	0.425	0.433	0.455	0.453	0.444	2.93
37) T	Ethyl Acetate	0.324	0.366	0.319	0.334	0.340	0.311	0.332	5.86
38) T	Carbon Tetrach...	0.474	0.507	0.462	0.469	0.487	0.463	0.477	3.56
39) T	Methylcyclohexane	0.544	0.571	0.549	0.561	0.601	0.481	0.551	7.22
40) TM	Benzene	1.353	1.442	1.296	1.316	1.378	1.286	1.345	4.36
41) T	Methacrylonitrile	0.192	0.201	0.188	0.185	0.192	0.171	0.188	5.27
42) TM	1,2-Dichloroet...	0.446	0.458	0.423	0.416	0.435	0.449	0.438	3.70
43) T	Isopropyl Acetate	0.520	0.585	0.548	0.558	0.580	0.527	0.553	4.82
44) TM	Trichloroethene	0.358	0.381	0.347	0.344	0.361	0.363	0.359	3.68
45) C	1,2-Dichloropr...	0.321	0.340	0.318	0.318	0.329	0.312	0.323	3.10#
46) T	Dibromomethane	0.238	0.242	0.220	0.219	0.231	0.248	0.233	5.02
47) T	Bromodichlorom...	0.473	0.496	0.455	0.460	0.483	0.444	0.469	4.07
48) T	Methyl methacr...	0.267	0.272	0.266	0.271	0.283	0.274	0.272	2.17
49) T	1,4-Dioxane	0.006	0.006	0.006	0.006	0.006	0.006	0.006	3.77
50) S	Toluene-d8	1.207	1.117	1.065	1.188	1.268		1.169	6.78
51) T	4-Methyl-2-Pen...	0.329	0.352	0.331	0.334	0.338	0.311	0.332	4.00
52) CM	Toluene	0.860	0.920	0.835	0.859	0.905	0.829	0.868	4.23#
53) T	t-1,3-Dichloro...	0.421	0.461	0.444	0.475	0.512	0.404	0.453	8.56
54) T	cis-1,3-Dichlo...	0.501	0.537	0.501	0.527	0.561	0.471	0.516	6.15
55) T	1,1,2-Trichlor...	0.349	0.358	0.320	0.326	0.338	0.349	0.340	4.36
56) T	Ethyl methacry...	0.432	0.466	0.457	0.485	0.510	0.381	0.455	9.84

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57)	T	1,3-Dichloropr...	0.557	0.580	0.533	0.536	0.563	0.533	0.550	3.56
58)	T	2-Chloroethyl ...	0.123	0.124	0.126	0.146	0.161	0.101	0.130	15.99
59)	T	2-Hexanone	0.236	0.248	0.237	0.240	0.245	0.216	0.237	4.76
60)	T	Dibromochlorom...	0.348	0.375	0.350	0.359	0.376	0.342	0.358	4.06
61)	T	1,2-Dibromoethane	0.334	0.349	0.327	0.333	0.349	0.327	0.337	2.99
62)	S	4-Bromofluorob...	0.416	0.384	0.365	0.425	0.470	0.412		9.81
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.449	0.440	0.403	0.364	0.362	0.479	0.416	11.45
65)	PM	Chlorobenzene	1.066	1.097	0.973	0.996	1.036	1.036	1.034	4.33
66)	T	1,1,1,2-Tetrac...	0.375	0.407	0.370	0.370	0.389	0.387	0.383	3.72
67)	C	Ethyl Benzene	1.825	1.913	1.773	1.834	1.919	1.761	1.838	3.65#
68)	T	m/p-Xylenes	0.711	0.755	0.700	0.719	0.755	0.656	0.716	5.21
69)	T	o-Xylene	0.702	0.746	0.690	0.707	0.741	0.620	0.701	6.48
70)	T	Styrene	1.073	1.174	1.119	1.163	1.235	0.927	1.115	9.59
71)	P	Bromoform	0.264	0.275	0.259	0.275	0.296	0.235	0.267	7.55
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.086	4.452	4.002	3.911	3.980	4.139	4.095	4.70
74)	T	N-amyl acetate	1.071	1.198	1.119	1.134	1.175	1.154	1.142	3.91
75)	P	1,1,2,2-Tetrac...	1.147	1.240	1.067	1.056	1.072	1.152	1.122	6.31
76)	T	1,2,3-Trichlor...	0.886	0.959	0.969	0.797	0.924	1.062	0.933	9.54
77)	T	Bromobenzene	0.938	1.018	0.894	0.878	0.904	1.082	0.952	8.49
78)	T	n-propylbenzene	4.408	4.903	4.456	4.476	4.613	4.198	4.509	5.21
79)	T	2-Chlorotoluene	2.931	3.115	2.744	2.686	2.766	2.992	2.872	5.81
80)	T	1,3,5-Trimethy...	3.415	3.779	3.424	3.333	3.425	3.016	3.399	7.18
81)	T	trans-1,4-Dich...	0.276	0.311	0.292	0.312	0.328	0.304		6.68
82)	T	4-Chlorotoluene	2.931	3.115	2.744	2.686	2.766	2.992	2.872	5.81
83)	T	tert-Butylbenzene	3.109	3.378	3.021	2.873	2.977	2.907	3.044	6.04
84)	T	1,2,4-Trimethy...	3.327	3.713	3.384	3.334	3.423	3.111	3.382	5.77
85)	T	sec-Butylbenzene	4.076	4.476	4.124	4.116	4.300	3.537	4.105	7.71
86)	T	p-Isopropyltol...	3.260	3.614	3.412	3.451	3.633	2.813	3.364	9.01
87)	T	1,3-Dichlorobe...	1.743	1.813	1.664	1.673	1.729	1.897	1.753	5.06
88)	T	1,4-Dichlorobe...	1.761	1.787	1.628	1.654	1.713	2.142	1.781	10.51
89)	T	n-Butylbenzene	2.426	2.665	2.599	2.824	3.001	2.468	2.664	8.19
90)	T	Hexachloroethane	0.567	0.611	0.556	0.579	0.616	0.588	0.586	4.03
91)	T	1,2-Dichlorobe...	1.701	1.805	1.636	1.642	1.698	1.888	1.728	5.73
92)	T	1,2-Dibromo-3-...	0.190	0.189	0.188	0.191	0.188	0.219	0.194	6.30
93)	T	1,2,4-Trichlor...	0.694	0.739	0.709	0.819	0.853	0.937	0.792	11.93
94)	T	Hexachlorobuta...	0.446	0.467	0.413	0.435	0.445	0.466	0.445	4.54
95)	T	Naphthalene	1.807	2.061	2.140	2.395	2.510	2.912	2.304	16.85
96)	T	1,2,3-Trichlor...	0.654	0.706	0.682	0.769	0.811	0.930	0.758	13.43

(#) = Out of Range