

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N012924W.M
 Title : SW846 8260
 Last Update : Mon Jan 29 12:54:23 2024
 Response Via : Initial Calibration

Calibration Files

1 =VN080785.D 5 =VN080784.D 10 =VN080783.D 20 =VN080782.D 50 =VN080781.D 100 =VN080780.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.670	0.764	0.780	0.808	0.751	0.683	0.743	7.35
3) P	Chloromethane	1.156	1.279	1.134	1.096	1.017	1.016	1.116	8.84
4) C	Vinyl Chloride	0.952	0.912	0.880	0.822	0.767	0.758	0.849	9.30#
5) T	Bromomethane		0.413	0.353	0.341	0.310	0.281	0.339	14.64
6) T	Chloroethane	0.395	0.523	0.501	0.456	0.417	0.423	0.452	11.15
7) T	Trichlorofluor...	1.161	1.164	1.133	1.072	1.058	1.002	1.098	5.90
8) T	Diethyl Ether	0.485	0.500	0.538	0.543	0.487	0.488	0.507	5.25
9) T	1,1,2-Trichlor...	0.690	0.658	0.632	0.639	0.625	0.600	0.641	4.79
10) T	Methyl Iodide		0.525	0.550	0.571	0.551	0.507	0.541	4.61
11) T	Tert butyl alc...		0.158	0.142	0.150	0.129	0.126	0.141	9.77
12) CM	1,1-Dichloroet...	0.734	0.764	0.716	0.702	0.648	0.648	0.702	6.64#
13) T	Acrolein		0.194	0.184	0.178	0.170	0.163	0.178	6.72
14) T	Allyl chloride	1.467	1.486	1.376	1.388	1.336	1.271	1.387	5.80
15) T	Acrylonitrile	0.409	0.467	0.425	0.435	0.408	0.400	0.424	5.84
16) T	Acetone	0.312	0.340	0.337	0.320	0.294	0.279	0.314	7.61
17) T	Carbon Disulfide	2.243	2.310	2.278	2.175	2.098	2.006	2.185	5.32
18) T	Methyl Acetate	0.983	1.131	1.194	1.189	1.058	1.004	1.093	8.41
19) T	Methyl tert-bu...	2.603	2.631	2.506	2.504	2.321	2.274	2.473	5.91
20) T	Methylene Chlo...	0.913	0.883	0.815	0.811	0.766	0.753	0.823	7.68
21) T	trans-1,2-Dich...	0.871	0.803	0.737	0.751	0.713	0.700	0.762	8.40
22) T	Diisopropyl ether	3.196	3.150	3.159	3.077	2.932	2.850	3.061	4.55
23) T	Vinyl Acetate	1.962	1.972	2.458	2.399	2.254	2.244	2.215	9.44
24) P	1,1-Dichloroet...	1.610	1.568	1.600	1.553	1.513	1.470	1.552	3.44
25) T	2-Butanone	0.634	0.646	0.608	0.596	0.556	0.536	0.596	7.25
26) T	2,2-Dichloropr...	1.400	1.225	1.250	1.261	1.181	1.210	1.255	6.10
27) T	cis-1,2-Dichlo...	0.964	0.911	0.921	0.871	0.816	0.814	0.883	6.84
28) T	Bromochloromet...	0.856	0.778	0.887	0.906	0.805	0.700	0.822	9.34
29) T	Tetrahydrofuran	0.448	0.416	0.416	0.393	0.377	0.369	0.403	7.29
30) C	Chloroform	1.768	1.358	1.454	1.406	1.345	1.321	1.442	11.54#
31) T	Cyclohexane		1.757	1.547	1.430	1.355	1.328	1.483	11.80
32) T	1,1,1-Trichlor...	1.235	1.227	1.175	1.158	1.112	1.109	1.169	4.64
33) S	1,2-Dichloroet...		0.906	0.899	0.887	0.829	0.804	0.865	5.26
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.302	0.324	0.313	0.303	0.288	0.306	4.45
36) T	1,1-Dichloropr...	0.649	0.597	0.545	0.536	0.549	0.536	0.569	7.98
37) T	Ethyl Acetate	0.588	0.654	0.575	0.576	0.552	0.567	0.585	6.09
38) T	Carbon Tetrach...	0.465	0.460	0.461	0.448	0.467	0.447	0.458	1.82
39) T	Methylcyclohexane	0.603	0.563	0.549	0.561	0.573	0.542	0.565	3.82
40) TM	Benzene	1.793	1.645	1.677	1.682	1.631	1.598	1.671	4.03
41) T	Methacrylonitrile	0.420	0.367	0.319	0.339	0.312	0.313	0.345	12.20
42) TM	1,2-Dichloroet...	0.548	0.532	0.544	0.568	0.547	0.527	0.544	2.65
43) T	Isopropyl Acetate	1.222	1.062	1.023	1.078	1.012	0.997	1.066	7.73
44) TM	Trichloroethene	0.438	0.381	0.366	0.345	0.345	0.333	0.368	10.40
45) C	1,2-Dichloropr...	0.466	0.447	0.444	0.461	0.454	0.441	0.452	2.18#
46) T	Dibromomethane	0.313	0.253	0.258	0.272	0.257	0.254	0.268	8.68
47) T	Bromodichlorom...	0.548	0.577	0.549	0.531	0.542	0.519	0.544	3.63
48) T	Methyl methacr...	0.603	0.592	0.491	0.477	0.469	0.468	0.517	12.19
49) T	1,4-Dioxane	0.006	0.007	0.006	0.007	0.006	0.006	0.006	6.59
50) S	Toluene-d8		1.209	1.163	1.257	1.202	1.155	1.197	3.43
51) T	4-Methyl-2-Pen...	0.592	0.607	0.602	0.610	0.588	0.575	0.596	2.22
52) CM	Toluene	1.042	0.905	0.946	0.971	0.952	0.933	0.958	4.85#
53) T	t-1,3-Dichloro...	0.635	0.621	0.624	0.649	0.642	0.633	0.634	1.68
54) T	cis-1,3-Dichlo...	0.668	0.697	0.667	0.724	0.689	0.693	0.690	3.09
55) T	1,1,2-Trichlor...	0.438	0.366	0.338	0.366	0.357	0.344	0.368	9.76
56) T	Ethyl methacry...	0.485	0.432	0.599	0.626	0.628	0.627	0.566	15.17

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57)	T	1,3-Dichloropr...	0.738	0.705	0.685	0.697	0.680	0.653	0.693	4.11
58)	T	2-Chloroethyl ...	0.314	0.329	0.335	0.335	0.329	0.338	0.330	2.57
59)	T	2-Hexanone	0.476	0.503	0.435	0.459	0.457	0.446	0.463	5.24
60)	T	Dibromochlorom...	0.373	0.333	0.331	0.324	0.349	0.346	0.343	5.11
61)	T	1,2-Dibromoethane	0.334	0.327	0.366	0.352	0.355	0.337	0.345	4.24
62)	S	4-Bromofluorob...	0.424	0.418	0.425	0.411	0.408	0.417		1.84
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.345	0.340	0.327	0.321	0.323	0.315	0.329	3.57
65)	PM	Chlorobenzene	1.130	1.137	1.098	1.052	1.075	1.056	1.091	3.36
66)	T	1,1,1,2-Tetrac...	0.312	0.362	0.358	0.368	0.372	0.359	0.355	6.15
67)	C	Ethyl Benzene	2.018	2.048	2.045	1.978	2.058	2.023	2.028	1.44#
68)	T	m/p-Xylenes	0.722	0.687	0.713	0.720	0.751	0.730	0.720	2.89
69)	T	o-Xylene	0.738	0.689	0.732	0.702	0.725	0.709	0.716	2.65
70)	T	Styrene	1.138	0.981	1.177	1.187	1.220	1.194	1.149	7.56
71)	P	Bromoform	0.224	0.231	0.223	0.250	0.256	0.255	0.240	6.51
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.767	4.586	4.795	4.565	4.421	4.340	4.579	3.96
74)	T	N-amyl acetate	3.171	2.893	2.761	2.902	2.707	2.624	2.843	6.79
75)	P	1,1,2,2-Tetrac...	1.956	1.702	1.556	1.562	1.453	1.435	1.611	12.07
76)	T	1,2,3-Trichlor...	1.487	1.605	1.462	1.442	1.551	1.501	1.508	4.02
77)	T	Bromobenzene	1.202	0.975	0.933	0.963	0.912	0.888	0.979	11.64
78)	T	n-propylbenzene	5.305	5.249	5.778	5.599	5.450	5.439	5.470	3.56
79)	T	2-Chlorotoluene	4.013	3.466	3.492	3.427	3.264	3.198	3.477	8.27
80)	T	1,3,5-Trimethy...	3.600	3.567	3.850	3.689	3.617	3.557	3.647	3.01
81)	T	trans-1,4-Dich...	0.548	0.558	0.612	0.622	0.584	0.588	0.585	4.98
82)	T	4-Chlorotoluene	3.854	3.434	3.465	3.452	3.216	3.234	3.443	6.68
83)	T	tert-Butylbenzene	2.986	2.873	3.036	2.936	2.851	2.791	2.912	3.12
84)	T	1,2,4-Trimethy...	3.695	3.753	3.841	3.723	3.618	3.538	3.695	2.86
85)	T	sec-Butylbenzene	4.301	4.180	4.408	4.381	4.314	4.176	4.293	2.28
86)	T	p-Isopropyltol...	3.209	3.223	3.487	3.488	3.370	3.241	3.336	3.91
87)	T	1,3-Dichlorobe...	1.953	1.774	1.813	1.723	1.626	1.615	1.751	7.23
88)	T	1,4-Dichlorobe...	2.105	1.693	1.778	1.707	1.648	1.600	1.755	10.34
89)	T	n-Butylbenzene	3.237	3.269	3.254	3.265	3.307	3.256	3.265	0.72
90)	T	Hexachloroethane	0.554	0.613	0.600	0.591	0.564	0.580	0.584	3.82
91)	T	1,2-Dichlorobe...	1.582	1.667	1.679	1.588	1.564	1.534	1.602	3.62
92)	T	1,2-Dibromo-3-...	0.322	0.353	0.281	0.294	0.289	0.267	0.301	10.41
93)	T	1,2,4-Trichlor...	0.953	0.815	0.781	0.822	0.779	0.797	0.825	7.94
94)	T	Hexachlorobuta...	0.466	0.341	0.349	0.349	0.318	0.339	0.360	14.70
95)	T	Naphthalene	3.454	2.979	3.248	3.237	3.026	2.991	3.156	6.00
96)	T	1,2,3-Trichlor...	0.893	0.785	0.841	0.808	0.774	0.763	0.811	6.03

(#) = Out of Range