

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N090622W.M
 Title : SW846 8260
 Last Update : Wed Sep 07 04:58:13 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN074343.D 5 =VN074344.D 10 =VN074345.D 20 =VN074346.D 50 =VN074347.D 75 =VN074348.D

	Compound	1	5	10	20	50	75	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.767	0.673	0.686	0.634	0.637	0.622	0.670	7.95
3) P	Chloromethane	0.886	0.676	0.693	0.671	0.585	0.601	0.685	15.66
4) C	Vinyl Chloride	1.113	1.068	1.046	0.960	0.926	0.856	0.995	9.77#
5) T	Bromomethane		0.460	0.457	0.432	0.396	0.341	0.417	11.98
6) T	Chloroethane	0.757	0.952	0.717	0.761	0.654	0.591	0.739	16.64
7) T	Trichlorofluor...	1.344	1.210	1.165	1.087	1.026	0.957	1.131	12.25
8) T	Diethyl Ether	0.472	0.453	0.434	0.419	0.404	0.376	0.426	8.09
9) T	1,1,2-Trichlor...	0.832	0.710	0.676	0.626	0.588	0.567	0.666	14.58
10) T	Methyl Iodide		0.213	0.292	0.311	0.382	0.404	0.320	23.72
11) T	Tert butyl alc...		0.162	0.151	0.147	0.145	0.150	0.151	4.61
12) CM	1,1-Dichloroet...	0.722	0.665	0.600	0.590	0.568	0.553	0.616	10.45#
13) T	Acrolein		0.179	0.170	0.153	0.155	0.154	0.162	7.05
14) T	Allyl chloride	1.100	0.942	0.914	0.863	0.857	0.864	0.923	10.07
15) T	Acrylonitrile	0.474	0.447	0.422	0.418	0.408	0.401	0.428	6.35
16) T	Acetone	0.491	0.391	0.376	0.347	0.331	0.324	0.377	16.36
17) T	Carbon Disulfide	2.094	1.715	1.652	1.525	1.507	1.485	1.663	13.82
18) T	Methyl Acetate	1.358	1.103	1.027	0.949	0.878	0.882	1.033	17.59
19) T	Methyl tert-bu...	2.263	2.064	2.129	2.113	2.045	2.037	2.109	4.00
20) T	Methylene Chlo...	1.102	0.824	0.794	0.738	0.683	0.657	0.800	20.14
21) T	trans-1,2-Dich...	0.785	0.721	0.710	0.629	0.621	0.609	0.679	10.36
22) T	Diisopropyl ether	2.117	2.004	2.012	1.953	2.025	1.934	2.007	3.21
23) T	Vinyl Acetate	1.594	1.621	1.639	1.661	1.731	1.705	1.658	3.13
24) P	1,1-Dichloroet...	1.414	1.317	1.287	1.198	1.174	1.158	1.258	7.89
25) T	2-Butanone	0.689	0.602	0.588	0.567	0.558	0.548	0.592	8.66
26) T	2,2-Dichloropr...	1.219	0.977	0.938	0.911	0.886	0.873	0.967	13.30
27) T	cis-1,2-Dichlo...	0.878	0.818	0.807	0.775	0.771	0.741	0.798	5.97
28) T	Bromochloromet...	0.511	0.503	0.324	0.360	0.357	0.317	0.395	22.34
29) T	Tetrahydrofuran	0.395	0.367	0.383	0.374	0.377	0.364	0.377	2.99
30) C	Chloroform	1.521	1.439	1.349	1.325	1.312	1.264	1.368	6.90#
31) T	Cyclohexane		1.365	1.169	1.096	1.106	1.048	1.157	10.76
32) T	1,1,1-Trichlor...	1.306	1.194	1.173	1.125	1.136	1.096	1.172	6.37
33) S	1,2-Dichloroet...		0.895	0.719	0.782	0.794	0.732	0.784	8.87
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.349	0.322	0.350	0.356	0.340	0.344	3.82
36) T	1,1-Dichloropr...	0.680	0.495	0.498	0.490	0.523	0.511	0.533	13.75
37) T	Ethyl Acetate	0.452	0.634	0.553	0.604	0.597	0.588	0.571	11.18
38) T	Carbon Tetrach...	0.658	0.539	0.511	0.533	0.548	0.538	0.555	9.39
39) T	Methylcyclohexane	0.582	0.580	0.599	0.621	0.648	0.635	0.611	4.63
40) TM	Benzene	1.677	1.687	1.607	1.564	1.609	1.548	1.615	3.53
41) T	Methacrylonitrile	0.268	0.242	0.270	0.237	0.302	0.258	0.263	8.91
42) TM	1,2-Dichloroet...	0.658	0.606	0.580	0.561	0.568	0.544	0.586	6.94
43) T	Isopropyl Acetate	0.815	0.807	0.827	0.818	0.884	0.867	0.836	3.76
44) TM	Trichloroethene	0.451	0.392	0.377	0.367	0.379	0.372	0.390	8.00
45) C	1,2-Dichloropr...	0.493	0.401	0.397	0.391	0.384	0.375	0.407	10.58#
46) T	Dibromomethane	0.351	0.294	0.296	0.289	0.293	0.281	0.301	8.43
47) T	Bromodichlorom...	0.562	0.573	0.552	0.548	0.570	0.554	0.560	1.81
48) T	Methyl methacr...	0.421	0.356	0.368	0.378	0.404	0.397	0.387	6.29
49) T	1,4-Dioxane	0.011	0.011	0.011	0.011	0.011	0.011	0.011	1.91
50) S	Toluene-d8		1.281	1.109	1.288	1.361	1.254	1.259	7.36
51) T	4-Methyl-2-Pen...	0.539	0.578	0.600	0.594	0.624	0.599	0.589	4.86
52) CM	Toluene	1.082	0.975	0.989	0.990	1.041	1.002	1.013	4.00#
53) T	t-1,3-Dichloro...	0.512	0.486	0.510	0.523	0.582	0.588	0.534	7.81
54) T	cis-1,3-Dichlo...	0.596	0.548	0.570	0.599	0.640	0.641	0.599	6.19
55) T	1,1,2-Trichlor...	0.481	0.412	0.421	0.396	0.412	0.400	0.421	7.40
56) T	Ethyl methacry...	0.496	0.549	0.554	0.591	0.666	0.652	0.585	11.19

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57)	T	1,3-Dichloropr...	0.721	0.709	0.703	0.677	0.718	0.685	0.702	2.58
58)	T	2-Chloroethyl ...	0.289	0.253	0.269	0.273	0.300	0.292	0.279	6.21
59)	T	2-Hexanone	0.386	0.438	0.450	0.451	0.487	0.467	0.446	7.65
60)	T	Dibromochlorom...	0.416	0.398	0.397	0.398	0.449	0.434	0.415	5.29
61)	T	1,2-Dibromoethane	0.423	0.400	0.396	0.391	0.434	0.420	0.411	4.23
62)	S	4-Bromofluorob...	0.394	0.360	0.432	0.487	0.459	0.426		11.85
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.484	0.352	0.343	0.343	0.339	0.337	0.367	15.80
65)	PM	Chlorobenzene	1.358	1.192	1.162	1.175	1.180	1.153	1.203	6.42
66)	T	1,1,1,2-Tetrac...	0.519	0.429	0.417	0.421	0.430	0.419	0.439	8.94
67)	C	Ethyl Benzene	2.094	2.009	2.074	2.066	2.197	2.118	2.093	3.00#
68)	T	m/p-Xylenes	0.742	0.764	0.792	0.804	0.851	0.815	0.795	4.87
69)	T	o-Xylene	0.753	0.757	0.776	0.793	0.831	0.805	0.786	3.82
70)	T	Styrene	1.154	1.179	1.222	1.289	1.375	1.337	1.260	7.04
71)	P	Bromoform	0.337	0.305	0.301	0.321	0.333	0.334	0.322	4.85
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.806	4.607	4.628	4.667	4.555	4.516	4.630	2.19
74)	T	N-amyl acetate	1.547	1.597	1.660	1.687	1.747	1.743	1.664	4.81
75)	P	1,1,2,2-Tetrac...	2.203	1.872	1.755	1.670	1.537	1.512	1.758	14.58
76)	T	1,2,3-Trichlor...	1.837	1.321	1.396	1.408	1.288	1.437	1.448	13.73
77)	T	Bromobenzene	1.211	1.074	0.997	1.003	0.989	0.984	1.043	8.49
78)	T	n-propylbenzene	5.090	5.053	5.189	5.306	5.281	5.204	5.187	1.94
79)	T	2-Chlorotoluene	3.376	3.456	3.288	3.217	3.155	3.072	3.261	4.35
80)	T	1,3,5-Trimethy...	3.598	3.771	3.857	3.901	3.850	3.784	3.793	2.82
81)	T	trans-1,4-Dich...	0.431	0.400	0.438	0.466	0.469	0.441		6.41
82)	T	4-Chlorotoluene	2.907	3.088	3.020	3.131	3.030	2.998	3.029	2.55
83)	T	tert-Butylbenzene	3.292	3.246	3.314	3.363	3.324	3.296	3.306	1.17
84)	T	1,2,4-Trimethy...	3.604	3.769	3.913	3.860	3.833	3.803	3.797	2.81
85)	T	sec-Butylbenzene	4.165	4.679	4.564	4.649	4.715	4.703	4.579	4.58
86)	T	p-Isopropyltol...	3.183	3.511	3.648	3.788	3.911	3.886	3.655	7.55
87)	T	1,3-Dichlorobe...	2.181	1.947	1.916	1.857	1.819	1.824	1.924	7.07
88)	T	1,4-Dichlorobe...	2.168	1.929	1.863	1.814	1.799	1.797	1.895	7.53
89)	T	n-Butylbenzene	2.918	2.719	2.739	2.987	3.224	3.319	2.984	8.27
90)	T	Hexachloroethane	0.833	0.697	0.670	0.683	0.683	0.699	0.711	8.53
91)	T	1,2-Dichlorobe...	2.325	2.037	1.930	1.890	1.853	1.846	1.980	9.23
92)	T	1,2-Dibromo-3-...	0.453	0.367	0.364	0.363	0.352	0.361	0.376	10.04
93)	T	1,2,4-Trichlor...	0.923	0.823	0.892	0.897	0.958	1.009	0.917	6.90
94)	T	Hexachlorobuta...	0.557	0.447	0.438	0.422	0.418	0.435	0.453	11.54
95)	T	Naphthalene	3.065	2.856	3.091	3.492	3.719	3.907	3.355	12.35
96)	T	1,2,3-Trichlor...	1.002	0.876	0.933	0.929	0.980	1.017	0.956	5.53

(#) = Out of Range