

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N061724W.M
 Title : SW846 8260
 Last Update : Tue Jun 18 04:52:44 2024
 Response Via : Initial Calibration

Calibration Files

1 =VN082602.D 5 =VN082601.D 10 =VN082600.D 20 =VN082599.D 50 =VN082598.D 100 =VN082597.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.696	0.718	0.724	0.663	0.736	0.652	0.698	4.92
3) P	Chloromethane	1.031	0.866	0.827	0.789	0.794	0.716	0.837	12.83
4) C	Vinyl Chloride	0.890	0.804	0.806	0.781	0.789	0.709	0.797	7.28#
5) T	Bromomethane		0.638	0.539	0.506	0.480	0.401	0.513	16.89
6) T	Chloroethane	0.731	0.591	0.554	0.525	0.528	0.479	0.568	15.47
7) T	Trichlorofluor...	1.135	1.107	1.058	1.003	1.011	0.922	1.039	7.42
8) T	Diethyl Ether	0.334	0.394	0.348	0.350	0.360	0.337	0.354	6.13
9) T	1,1,2-Trichlor...	0.589	0.656	0.568	0.566	0.579	0.535	0.582	6.93
10) T	Methyl Iodide		0.520	0.506	0.545	0.597	0.604	0.555	8.01
11) T	Tert butyl alc...		0.143	0.136	0.132	0.130	0.115	0.131	7.80
12) CM	1,1-Dichloroet...	0.650	0.556	0.562	0.528	0.542	0.504	0.557	9.00#
13) T	Acrolein		0.147	0.140	0.123	0.129	0.129	0.134	7.15
14) T	Allyl chloride	1.026	1.279	1.068	1.074	1.067	1.019	1.089	8.83
15) T	Acrylonitrile	0.386	0.353	0.338	0.344	0.335	0.321	0.346	6.44
16) T	Acetone	0.434	0.359	0.360	0.326	0.355	0.354	0.365	9.90
17) T	Carbon Disulfide	2.194	1.751	1.743	1.677	1.679	1.564	1.768	12.39
18) T	Methyl Acetate	1.022	0.987	0.900	0.842	0.830	0.771	0.892	10.86
19) T	Methyl tert-bu...	1.739	1.953	1.928	1.924	2.011	1.879	1.906	4.85
20) T	Methylene Chlo...	0.693	0.693	0.635	0.622	0.620	0.584	0.641	6.77
21) T	trans-1,2-Dich...	0.599	0.630	0.596	0.578	0.587	0.561	0.592	3.93
22) T	Diisopropyl ether	2.154	2.296	2.296	2.283	2.380	2.292	2.283	3.18
23) T	Vinyl Acetate	1.587	1.797	1.791	1.887	1.921	1.882	1.811	6.71
24) P	1,1-Dichloroet...	1.337	1.259	1.245	1.211	1.219	1.151	1.237	4.96
25) T	2-Butanone	0.518	0.533	0.524	0.501	0.521	0.513	0.518	2.09
26) T	2,2-Dichloropr...	1.072	1.092	1.080	1.055	1.100	1.040	1.073	2.10
27) T	cis-1,2-Dichlo...	0.763	0.759	0.702	0.682	0.707	0.664	0.713	5.65
28) T	Bromochloromet...	0.603	0.668	0.515	0.554	0.529	0.518	0.564	10.71
29) T	Tetrahydrofuran	0.295	0.323	0.323	0.316	0.331	0.316	0.317	3.81
30) C	Chloroform	1.267	1.268	1.194	1.178	1.197	1.135	1.207	4.32#
31) T	Cyclohexane		1.348	1.144	1.104	1.120	1.070	1.157	9.49
32) T	1,1,1-Trichlor...	1.185	1.170	1.052	1.074	1.082	1.001	1.094	6.48
33) S	1,2-Dichloroet...		0.909	0.764	0.804	0.774	0.758	0.802	7.77
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.364	0.311	0.337	0.336	0.347	0.339	5.70
36) T	1,1-Dichloropr...	0.468	0.510	0.490	0.499	0.537	0.538	0.507	5.41
37) T	Ethyl Acetate	0.704	0.671	0.652	0.613	0.622	0.613	0.646	5.67
38) T	Carbon Tetrach...	0.581	0.593	0.544	0.551	0.583	0.578	0.571	3.40
39) T	Methylcyclohexane	0.471	0.520	0.502	0.521	0.593	0.595	0.534	9.38
40) TM	Benzene	1.535	1.579	1.540	1.524	1.625	1.598	1.567	2.55
41) T	Methacrylonitrile	0.314	0.327	0.330	0.323	0.340	0.348	0.330	3.67
42) TM	1,2-Dichloroet...	0.580	0.616	0.587	0.588	0.605	0.599	0.596	2.25
43) T	Isopropyl Acetate	1.650	1.207	1.093	1.109	1.113	1.072	1.207	18.38
44) TM	Trichloroethene	0.380	0.368	0.353	0.349	0.371	0.362	0.364	3.16
45) C	1,2-Dichloropr...	0.410	0.389	0.390	0.402	0.417	0.412	0.403	2.90#
46) T	Dibromomethane	0.271	0.279	0.272	0.264	0.281	0.274	0.273	2.18
47) T	Bromodichlorom...	0.567	0.598	0.568	0.583	0.597	0.585	0.583	2.32
48) T	Methyl methacr...	0.495	0.483	0.486	0.490	0.519	0.512	0.498	2.95
49) T	1,4-Dioxane	0.007	0.008	0.007	0.008	0.009	0.008	0.008	8.94
50) S	Toluene-d8		1.292	1.157	1.266	1.335	1.363	1.283	6.21
51) T	4-Methyl-2-Pen...	0.553	0.612	0.617	0.624	0.656	0.653	0.619	6.05
52) CM	Toluene	0.883	0.922	0.908	0.943	1.020	1.020	0.949	6.10#
53) T	t-1,3-Dichloro...	0.533	0.581	0.565	0.591	0.649	0.656	0.596	8.06
54) T	cis-1,3-Dichlo...	0.529	0.591	0.599	0.632	0.674	0.671	0.616	8.91
55) T	1,1,2-Trichlor...	0.290	0.352	0.341	0.351	0.366	0.362	0.344	8.06
56) T	Ethyl methacry...	0.469	0.538	0.545	0.574	0.637	0.653	0.569	12.01

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57)	T	1,3-Dichloropr...	0.623	0.632	0.610	0.627	0.661	0.659	0.635	3.26
58)	T	2-Chloroethyl ...	0.261	0.282	0.300	0.302	0.319	0.343	0.301	9.41
59)	T	2-Hexanone	0.402	0.446	0.455	0.470	0.515	0.535	0.471	10.30
60)	T	Dibromochlorom...	0.381	0.424	0.408	0.417	0.447	0.440	0.420	5.70
61)	T	1,2-Dibromoethane	0.354	0.370	0.350	0.356	0.379	0.366	0.362	3.04
62)	S	4-Bromofluorob...	0.424	0.380	0.436	0.471	0.500	0.442		10.37
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.495	0.408	0.394	0.393	0.394	0.390	0.412	9.96
65)	PM	Chlorobenzene	1.143	1.150	1.159	1.123	1.171	1.134	1.147	1.50
66)	T	1,1,1,2-Tetrac...	0.410	0.405	0.405	0.405	0.420	0.408	0.409	1.41
67)	C	Ethyl Benzene	1.729	1.892	1.905	1.952	2.137	2.107	1.954	7.72#
68)	T	m/p-Xylenes	0.600	0.686	0.709	0.748	0.810	0.808	0.727	11.02
69)	T	o-Xylene	0.567	0.647	0.649	0.697	0.763	0.775	0.683	11.52
70)	T	Styrene	0.897	1.061	1.107	1.192	1.351	1.346	1.159	15.13
71)	P	Bromoform	0.315	0.326	0.311	0.316	0.337	0.334	0.323	3.37
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.558	3.801	3.873	3.720	3.983	3.846	3.797	3.83
74)	T	N-amyl acetate	1.989	1.972	2.061	2.025	2.099	2.011	2.026	2.32
75)	P	1,1,2,2-Tetrac...	1.407	1.362	1.278	1.181	1.142	1.060	1.238	10.83
76)	T	1,2,3-Trichlor...	1.402	1.296	1.267	1.180	1.133	1.059	1.223	10.09
77)	T	Bromobenzene	1.093	0.980	0.966	0.940	0.960	0.924	0.977	6.15
78)	T	n-propylbenzene	4.046	4.341	4.557	4.497	4.845	4.661	4.491	6.13
79)	T	2-Chlorotoluene	2.777	2.816	2.852	2.812	2.889	2.752	2.816	1.77
80)	T	1,3,5-Trimethy...	2.516	3.039	3.116	3.185	3.372	3.259	3.081	9.73
81)	T	trans-1,4-Dich...	0.569	0.554	0.468	0.493	0.473	0.511		9.16
82)	T	4-Chlorotoluene	2.612	2.880	2.829	2.814	2.932	2.814	2.813	3.87
83)	T	tert-Butylbenzene	2.389	2.536	2.626	2.640	2.828	2.728	2.625	5.81
84)	T	1,2,4-Trimethy...	2.485	3.011	3.120	3.199	3.433	3.297	3.091	10.69
85)	T	sec-Butylbenzene	3.332	3.578	3.699	3.774	4.075	3.907	3.727	6.93
86)	T	p-Isopropyltol...	2.390	2.766	2.963	3.108	3.444	3.339	3.002	12.93
87)	T	1,3-Dichlorobe...	1.794	1.788	1.769	1.738	1.800	1.743	1.772	1.50
88)	T	1,4-Dichlorobe...	2.223	1.855	1.793	1.731	1.803	1.707	1.852	10.22
89)	T	n-Butylbenzene	2.361	2.465	2.560	2.643	3.011	2.935	2.663	9.74
90)	T	Hexachloroethane	0.684	0.666	0.670	0.630	0.646	0.623	0.653	3.67
91)	T	1,2-Dichlorobe...	1.843	1.814	1.759	1.647	1.716	1.602	1.730	5.43
92)	T	1,2-Dibromo-3-...	0.246	0.286	0.286	0.247	0.261	0.247	0.262	7.30
93)	T	1,2,4-Trichlor...	0.952	0.869	0.894	0.888	0.948	0.921	0.912	3.72
94)	T	Hexachlorobuta...	0.599	0.441	0.430	0.414	0.420	0.395	0.450	16.60
95)	T	Naphthalene	2.579	2.613	2.756	2.830	3.067	2.997	2.807	7.06
96)	T	1,2,3-Trichlor...	1.038	0.878	0.908	0.903	0.937	0.914	0.930	6.07

(#) = Out of Range