

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N021220W.M
 Title : SW846 8260
 Last Update : Wed Feb 12 14:10:39 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN060066.D 5 =VN060067.D 20 =VN060068.D
 50 =VN060069.D 100 =VN060070.D 150 =VN060071.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.500	0.459	0.526	0.511	0.518	0.485	0.500	4.89
3) P	Chloromethane	0.659	0.574	0.595	0.590	0.573	0.577	0.595	5.51
4) C	Vinyl Chloride	0.724	0.655	0.686	0.678	0.676	0.648	0.678	4.00#
5) T	Bromomethane		0.459	0.405	0.394	0.407	0.413	0.416	6.04
6) T	Chloroethane	0.382	0.336	0.336	0.327	0.341	0.336	0.343	5.74
7) T	Trichlorofluorome	0.952	0.868	0.864	0.845	0.874	0.841	0.874	4.59
8) T	Diethyl Ether	0.284	0.290	0.290	0.288	0.299	0.295	0.291	1.80
9) T	1,1,2-Trichlorotr	0.532	0.485	0.473	0.471	0.482	0.468	0.485	4.91
10) T	Methyl Iodide		0.431	0.585	0.642	0.676	0.673	0.601	16.94
11) T	Tert butyl alcoho		0.082	0.088	0.092	0.096	0.096	0.091	6.31
12) CM	1,1-Dichloroethen	0.484	0.464	0.467	0.461	0.485	0.475	0.473	2.15#
13) T	Acrolein		0.082	0.082	0.090	0.097	0.099	0.090	8.72
14) T	Allyl chloride	0.750	0.724	0.670	0.653	0.694	0.683	0.696	5.16
15) T	Acrylonitrile	0.192	0.206	0.219	0.232	0.244	0.242	0.222	9.34
16) T	Acetone	0.263	0.225	0.288	0.281	0.272	0.264	0.265	8.28
17) T	Carbon Disulfide	1.634	1.339	1.367	1.372	1.425	1.411	1.425	7.52
18) T	Methyl Acetate	0.467	0.485	0.478	0.510	0.528	0.523	0.499	5.08
19) T	Methyl tert-butyl	1.706	1.528	1.531	1.556	1.625	1.592	1.590	4.28
20) T	Methylene Chlorid	0.577	0.517	0.515	0.514	0.531	0.523	0.529	4.56
21) T	trans-1,2-Dichlor	0.521	0.518	0.503	0.509	0.527	0.514	0.515	1.68
22) T	Diisopropyl ether	1.586	1.421	1.468	1.496	1.601	1.577	1.525	4.85
23) T	Vinyl Acetate	1.246	1.154	1.250	1.301	1.388	1.345	1.281	6.46
24) P	1,1-Dichloroethan	0.981	0.904	0.897	0.906	0.943	0.912	0.924	3.50
25) T	2-Butanone	0.289	0.298	0.343	0.356	0.365	0.352	0.334	9.57
26) T	2,2-Dichloropropa	0.942	0.854	0.853	0.865	0.893	0.858	0.877	3.99
27) T	cis-1,2-Dichloroe	0.657	0.581	0.590	0.589	0.612	0.590	0.603	4.71
28) T	Bromochloromethan	0.343	0.345	0.384	0.360	0.374	0.373	0.363	4.53
29) T	Tetrahydrofuran	0.193	0.193	0.202	0.207	0.218	0.215	0.205	5.27
30) C	Chloroform	1.031	0.941	0.937	0.957	0.989	0.951	0.968	3.74#
31) T	Cyclohexane		0.988	0.840	0.821	0.845	0.809	0.861	8.43
32) T	1,1,1-Trichloroet	0.931	0.845	0.866	0.882	0.906	0.876	0.884	3.44
33) S	1,2-Dichloroethan		0.609	0.584	0.606	0.623	0.620	0.608	2.57
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.287	0.293	0.315	0.321	0.321	0.307	5.32
36) T	1,1-Dichloroprope	0.505	0.438	0.453	0.455	0.471	0.456	0.463	4.93
37) T	Ethyl Acetate	0.346	0.432	0.428	0.419	0.449	0.437	0.419	8.83
38) T	Carbon Tetrachlor	0.541	0.479	0.496	0.492	0.518	0.491	0.503	4.48
39) T	Methylcyclohexane	0.623	0.543	0.567	0.561	0.591	0.564	0.575	4.93
40) TM	Benzene	1.530	1.331	1.336	1.338	1.384	1.324	1.374	5.78
41) T	Methacrylonitrile	0.162	0.170	0.137	0.189	0.190	0.206	0.176	13.84
42) TM	1,2-Dichloroethan	0.498	0.463	0.477	0.478	0.497	0.475	0.481	2.85
43) T	Isopropyl Acetate	0.682	0.683	0.710	0.715	0.762	0.741	0.715	4.43
44) TM	Trichloroethene	0.416	0.375	0.373	0.371	0.382	0.365	0.380	4.78
45) C	1,2-Dichloropropa	0.344	0.331	0.342	0.341	0.350	0.333	0.340	2.10#
46) T	Dibromomethane	0.240	0.234	0.239	0.241	0.249	0.239	0.240	2.11
47) T	Bromodichlorometh	0.503	0.464	0.481	0.488	0.512	0.485	0.489	3.48
48) T	Methyl methacryla	0.329	0.281	0.303	0.324	0.349	0.340	0.321	7.81
49) T	1,4-Dioxane	0.004	0.005	0.006	0.006	0.006	0.006	0.005	13.60
50) S	Toluene-d8		1.165	1.168	1.217	1.254	1.248	1.210	3.52
51) T	4-Methyl-2-Pentan	0.386	0.378	0.413	0.428	0.450	0.430	0.414	6.73
52) CM	Toluene	0.933	0.836	0.852	0.871	0.916	0.878	0.881	4.21#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.528	0.517	0.541	0.555	0.598	0.570	0.552	5.38
54) T	cis-1,3-Dichlorop	0.583	0.549	0.577	0.580	0.609	0.587	0.581	3.37
55) T	1,1,2-Trichloroet	0.365	0.326	0.337	0.343	0.353	0.337	0.344	3.98
56) T	Ethyl methacrylat	0.435	0.405	0.476	0.509	0.553	0.539	0.486	12.01
57) T	1,3-Dichloropropa	0.613	0.544	0.552	0.559	0.577	0.557	0.567	4.45
58) T	2-Chloroethyl Vin	0.184	0.221	0.218	0.238	0.256	0.242	0.226	11.09
59) T	2-Hexanone	0.284	0.276	0.320	0.343	0.357	0.339	0.320	10.37
60) T	Dibromochlorometh	0.392	0.358	0.387	0.398	0.424	0.408	0.394	5.62
61) T	1,2-Dibromoethane	0.358	0.333	0.354	0.365	0.384	0.368	0.360	4.65
62) S	4-Bromofluorobenz		0.417	0.409	0.447	0.477	0.473	0.445	6.96
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.451	0.374	0.378	0.366	0.364	0.348	0.380	9.57
65) PM	Chlorobenzene	1.115	0.985	0.993	1.000	1.019	0.999	1.019	4.78
66) T	1,1,1,2-Tetrachlo	0.393	0.376	0.380	0.383	0.392	0.388	0.385	1.73
67) C	Ethyl Benzene	2.020	1.751	1.786	1.807	1.863	1.797	1.837	5.26#
68) T	m/p-Xylenes	0.732	0.652	0.675	0.682	0.706	0.691	0.690	3.95
69) T	o-Xylene	0.693	0.638	0.645	0.658	0.682	0.668	0.664	3.20
70) T	Styrene	1.006	0.957	1.027	1.095	1.171	1.167	1.071	8.25
71) P	Bromoform	0.289	0.266	0.303	0.317	0.340	0.343	0.310	9.61
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.456	3.628	3.681	3.530	3.630	3.477	3.734	9.69
74) T	N-amyl acetate	1.354	1.177	1.311	1.376	1.445	1.415	1.346	7.06
75) P	1,1,2,2-Tetrachlo	1.151	1.040	1.090	1.050	1.082	1.036	1.075	4.04
76) T	1,2,3-Trichloropr	0.926	0.922	1.002	0.945	0.985	0.959	0.957	3.35
77) T	Bromobenzene	1.028	0.929	0.925	0.883	0.913	0.882	0.927	5.81
78) T	n-propylbenzene	5.073	4.119	4.132	4.028	4.200	3.971	4.254	9.62
79) T	2-Chlorotoluene	3.010	2.463	2.430	2.338	2.428	2.332	2.500	10.21
80) T	1,3,5-Trimethylbe	3.546	3.037	3.077	2.964	3.064	2.939	3.104	7.19
81) T	trans-1,4-Dichlor		0.358	0.380	0.389	0.413	0.413	0.391	5.97
82) T	4-Chlorotoluene	2.965	2.457	2.512	2.435	2.555	2.468	2.565	7.82
83) T	tert-Butylbenzene	3.416	2.766	2.628	2.542	2.620	2.505	2.746	12.39
84) T	1,2,4-Trimethylbe	3.294	2.985	3.073	2.989	3.093	2.953	3.064	4.08
85) T	sec-Butylbenzene	4.288	3.523	3.573	3.466	3.562	3.409	3.637	8.93
86) T	p-Isopropyltoluen	3.722	3.221	3.226	3.132	3.308	3.163	3.295	6.60
87) T	1,3-Dichlorobenze	1.791	1.578	1.623	1.584	1.662	1.604	1.640	4.86
88) T	1,4-Dichlorobenze	1.862	1.557	1.606	1.569	1.652	1.592	1.640	6.94
89) T	n-Butylbenzene	3.155	2.685	2.864	2.815	2.991	2.880	2.898	5.53
90) T	Hexachloroethane	0.678	0.608	0.598	0.590	0.618	0.602	0.616	5.21
91) T	1,2-Dichlorobenze	1.844	1.557	1.579	1.534	1.589	1.527	1.605	7.45
92) T	1,2-Dibromo-3-Chl	0.341	0.237	0.230	0.228	0.234	0.223	0.249	18.17
93) T	1,2,4-Trichlorobe	0.889	0.825	0.953	0.964	1.025	1.003	0.943	7.90
94) T	Hexachlorobutadie	0.665	0.566	0.545	0.514	0.524	0.500	0.552	10.88
95) T	Naphthalene	2.116	2.165	2.627	2.674	2.898	2.808	2.548	12.96
96) T	1,2,3-Trichlorobe	0.946	0.839	0.953	0.936	0.990	0.971	0.939	5.61

(#) = Out of Range