

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N091018W.M
 Title : SW846 8260
 Last Update : Tue Sep 11 02:27:09 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN051071.D 5 =VN051065.D 20 =VN051066.D
 50 =VN051067.D 100 =VN051068.D 150 =VN051069.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.607	0.495	0.454	0.454	0.442	0.441	0.482	13.32
3) P	Chloromethane	0.895	0.734	0.636	0.616	0.619	0.619	0.686	16.26
4) C	Vinyl Chloride	0.751	0.713	0.634	0.628	0.623	0.621	0.662	8.47#
5) T	Bromomethane	0.714	0.468	0.366	0.368	0.382	0.364	0.443	31.17
6) T	Chloroethane	0.493	0.439	0.384	0.381	0.377	0.377	0.408	11.74
7) T	Trichlorofluorome	0.987	0.946	0.842	0.832	0.825	0.829	0.877	8.08
8) T	Diethyl Ether	0.310	0.337	0.319	0.317	0.322	0.330	0.323	3.02
9) T	1,1,2-Trichlorotr	0.666	0.593	0.543	0.535	0.528	0.527	0.565	9.70
10) T	Methyl Iodide		0.392	0.405	0.484	0.551	0.583	0.483	17.67
11) T	Tert butyl alcoho		0.045	0.043	0.038	0.041	0.045	0.043	7.24
12) CM	1,1-Dichloroethen	0.603	0.559	0.503	0.511	0.510	0.515	0.533	7.37#
13) T	Acrolein		0.031	0.054	0.048	0.053	0.057	0.048	20.73
14) T	Allyl chloride	0.810	0.828	0.788	0.806	0.817	0.828	0.813	1.88
15) T	Acrylonitrile	0.179	0.190	0.189	0.184	0.188	0.199	0.188	3.50
16) T	Acetone	0.182	0.187	0.154	0.134	0.134	0.137	0.155	15.80
17) T	Carbon Disulfide	2.619	1.695	1.526	1.543	1.564	1.582	1.755	24.36
18) T	Methyl Acetate	0.547	0.456	0.419	0.403	0.409	0.439	0.446	11.95
19) T	Methyl tert-butyl	1.354	1.417	1.394	1.417	1.412	1.464	1.410	2.53
20) T	Methylene Chlorid	0.743	0.633	0.582	0.576	0.575	0.578	0.615	10.87
21) T	trans-1,2-Dichlor	0.695	0.581	0.542	0.549	0.553	0.551	0.578	10.12
22) T	Diisopropyl ether	1.465	1.636	1.666	1.653	1.626	1.631	1.613	4.58
23) T	Vinyl Acetate	0.944	1.060	1.096	1.124	1.145	1.180	1.092	7.62
24) P	1,1-Dichloroethan	1.061	1.111	0.993	0.998	0.986	0.990	1.023	5.03
25) T	2-Butanone	0.213	0.239	0.219	0.207	0.210	0.225	0.219	5.30
26) T	2,2-Dichloropropa	0.930	0.882	0.800	0.807	0.806	0.801	0.838	6.58
27) T	cis-1,2-Dichloroe	0.670	0.655	0.606	0.618	0.629	0.631	0.635	3.74
28) T	Bromochloromethan	0.494	0.475	0.450	0.454	0.440	0.420	0.455	5.74
29) T	Tetrahydrofuran	0.128	0.133	0.141	0.135	0.136	0.147	0.137	4.84
30) C	Chloroform	1.067	1.094	0.996	0.993	0.981	0.978	1.018	4.85#
31) T	Cyclohexane	1.590	0.996	0.899	0.907	0.905	0.913	1.035	26.50
32) T	1,1,1-Trichloroet	0.892	0.919	0.854	0.846	0.848	0.846	0.867	3.53
33) S	1,2-Dichloroethan		0.600	0.524	0.550	0.548	0.560	0.556	5.01
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.382	0.363	0.375	0.375	0.383	0.376	2.20
36) T	1,1-Dichloroprope	0.582	0.537	0.525	0.544	0.551	0.556	0.549	3.57
37) T	Ethyl Acetate	0.280	0.313	0.328	0.319	0.320	0.348	0.318	6.97
38) T	Carbon Tetrachlor	0.558	0.558	0.525	0.529	0.534	0.538	0.540	2.66
39) T	Methylcyclohexane	0.581	0.568	0.582	0.620	0.636	0.646	0.606	5.37
40) TM	Benzene	1.648	1.718	1.633	1.641	1.643	1.642	1.654	1.92
41) T	Methacrylonitrile	0.160	0.158	0.160	0.156	0.161	0.188	0.164	7.36
42) TM	1,2-Dichloroethan	0.487	0.508	0.474	0.471	0.476	0.476	0.482	2.86
43) T	Isopropyl Acetate	0.484	0.563	0.575	0.560	0.573	0.611	0.561	7.45
44) TM	Trichloroethene	0.501	0.452	0.435	0.439	0.441	0.448	0.452	5.38
45) C	1,2-Dichloropropa	0.415	0.450	0.423	0.423	0.426	0.427	0.427	2.78#
46) T	Dibromomethane	0.285	0.266	0.257	0.250	0.252	0.256	0.261	4.97
47) T	Bromodichlorometh	0.513	0.540	0.524	0.530	0.536	0.539	0.530	2.01
48) T	Methyl methacryla	0.244	0.249	0.274	0.278	0.287	0.308	0.273	8.84
49) T	1,4-Dioxane	0.004	0.004	0.005	0.004	0.005	0.005	0.004	9.78
50) S	Toluene-d8		1.425	1.339	1.438	1.446	1.481	1.426	3.71
51) T	4-Methyl-2-Pentan	0.261	0.314	0.326	0.310	0.314	0.336	0.310	8.31
52) CM	Toluene	0.923	1.035	0.999	1.024	1.034	1.036	1.009	4.37#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.460	0.503	0.518	0.545	0.567	0.592	0.531	8.89
54) T	cis-1,3-Dichlorop	0.562	0.604	0.612	0.634	0.653	0.668	0.622	6.11
55) T	1,1,2-Trichloroet	0.356	0.386	0.362	0.363	0.360	0.372	0.366	2.96
56) T	Ethyl methacrylat	0.325	0.391	0.445	0.464	0.486	0.520	0.439	15.99
57) T	1,3-Dichloropropa	0.576	0.620	0.606	0.608	0.612	0.623	0.607	2.77
58) T	2-Chloroethyl Vin	0.126	0.152	0.177	0.195	0.203	0.221	0.179	19.54
59) T	2-Hexanone	0.184	0.208	0.216	0.208	0.215	0.232	0.210	7.43
60) T	Dibromochlorometh	0.374	0.423	0.402	0.413	0.426	0.439	0.413	5.48
61) T	1,2-Dibromoethane	0.320	0.368	0.352	0.358	0.367	0.384	0.358	5.99
62) S	4-Bromofluorobenz		0.433	0.427	0.476	0.498	0.525	0.472	8.95
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.526	0.474	0.447	0.437	0.428	0.425	0.456	8.43
65) PM	Chlorobenzene	1.336	1.290	1.217	1.236	1.239	1.244	1.260	3.50
66) T	1,1,1,2-Tetrachlo	0.455	0.466	0.451	0.451	0.449	0.451	0.454	1.34
67) C	Ethyl Benzene	1.906	1.955	2.019	2.104	2.128	2.135	2.041	4.73#
68) T	m/p-Xylenes	0.678	0.759	0.791	0.826	0.823	0.829	0.784	7.50
69) T	o-Xylene	0.678	0.714	0.765	0.794	0.800	0.805	0.759	6.90
70) T	Stvrene	0.886	1.059	1.212	1.280	1.306	1.325	1.178	14.64
71) P	Bromoform	0.276	0.316	0.320	0.323	0.332	0.349	0.319	7.64
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.556	4.511	4.193	4.082	3.929	3.888	4.193	6.81
74) T	N-amyl acetate	1.136	1.002	1.047	1.024	1.032	1.091	1.055	4.70
75) P	1,1,2,2-Tetrachlo	1.493	1.282	1.081	0.968	0.925	0.949	1.116	20.32
76) T	1,2,3-Trichloropr	1.201	1.035	0.843	0.751	0.784	0.753	0.894	20.56
77) T	Bromobenzene	1.391	1.206	1.066	1.044	1.025	1.025	1.126	12.99
78) T	n-propylbenzene	4.811	4.764	4.608	4.568	4.457	4.447	4.609	3.30
79) T	2-Chlorotoluene	3.403	3.097	2.805	2.737	2.625	2.616	2.881	10.77
80) T	1,3,5-Trimethylbe	3.559	3.526	3.437	3.367	3.225	3.226	3.390	4.25
81) T	trans-1,4-Dichlor	0.237	0.268	0.263	0.259	0.266	0.287	0.263	6.10
82) T	4-Chlorotoluene	3.295	2.987	2.782	2.747	2.666	2.680	2.860	8.47
83) T	tert-Butylbenzene	3.222	3.228	2.990	2.910	2.799	2.808	2.993	6.45
84) T	1,2,4-Trimethylbe	3.071	3.474	3.473	3.394	3.298	3.291	3.333	4.55
85) T	sec-Butylbenzene	3.942	4.070	3.850	3.784	3.691	3.692	3.838	3.87
86) T	p-Isopropyltoluen	2.944	3.246	3.343	3.363	3.296	3.335	3.254	4.84
87) T	1,3-Dichlorobenze	2.381	1.907	1.809	1.804	1.773	1.791	1.911	12.30
88) T	1,4-Dichlorobenze	2.497	1.830	1.715	1.759	1.736	1.763	1.883	16.10
89) T	n-Butylbenzene	2.404	2.325	2.439	2.639	2.659	2.732	2.533	6.50
90) T	Hexachloroethane	0.912	0.705	0.612	0.590	0.582	0.591	0.665	19.44
91) T	1,2-Dichlorobenze	2.364	1.882	1.786	1.760	1.687	1.692	1.862	13.76
92) T	1,2-Dibromo-3-Chl	0.258	0.148	0.149	0.138	0.136	0.149	0.163	28.89
93) T	1,2,4-Trichlorobe	0.932	0.480	0.687	0.833	0.901	0.977	0.802	23.35
94) T	Hexachlorobutadie	1.079	0.660	0.573	0.566	0.528	0.530	0.656	32.42
95) T	Naphthalene	2.356	0.912	1.311	1.633	1.865	2.117	1.699	31.25
96) T	1,2,3-Trichlorobe	1.158	0.530	0.710	0.814	0.858	0.914	0.831	25.24

(#) = Out of Range