

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N041319W.M
 Title : SW846 8260
 Last Update : Sat Apr 13 03:34:24 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN054998.D 5 =VN054999.D 20 =VN055000.D
 50 =VN055001.D 100 =VN055002.D 150 =VN055003.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.567	0.513	0.577	0.566	0.548	0.538	0.552	4.26
3) P	Chloromethane	0.859	0.722	0.741	0.717	0.703	0.696	0.740	8.18
4) C	Vinyl Chloride	0.617	0.628	0.611	0.601	0.579	0.566	0.600	3.95#
5) T	Bromomethane	0.387	0.379	0.356	0.336	0.317	0.310	0.347	9.15
6) T	Chloroethane	0.361	0.340	0.338	0.326	0.316	0.305	0.331	6.00
7) T	Trichlorofluorome	0.752	0.805	0.790	0.743	0.722	0.704	0.753	5.17
8) T	Diethyl Ether	0.241	0.237	0.243	0.244	0.230	0.226	0.237	3.08
9) T	1,1,2-Trichlorotr	0.413	0.425	0.399	0.385	0.373	0.360	0.393	6.27
10) T	Methyl Iodide		0.523	0.596	0.584	0.570	0.558	0.566	4.96
11) T	Tert butyl alcoho		0.035	0.037	0.038	0.041	0.042	0.039	7.14
12) CM	1,1-Dichloroethen	0.450	0.409	0.382	0.374	0.360	0.345	0.387	9.76#
13) T	Acrolein		0.048	0.045	0.048	0.048	0.044	0.047	3.74
14) T	Allyl chloride	0.970	0.885	0.950	0.954	0.956	0.952	0.945	3.16
15) T	Acrylonitrile	0.207	0.200	0.211	0.219	0.220	0.221	0.213	4.00
16) T	Acetone	0.205	0.173	0.177	0.166	0.160	0.154	0.172	10.37
17) T	Carbon Disulfide	1.407	1.176	1.201	1.238	1.276	1.258	1.259	6.46
18) T	Methyl Acetate	0.663	0.539	0.494	0.503	0.505	0.502	0.534	12.18
19) T	Methyl tert-butyl	1.293	1.356	1.404	1.424	1.413	1.398	1.381	3.56
20) T	Methylene Chlorid	0.884	0.638	0.588	0.582	0.553	0.545	0.632	20.27
21) T	trans-1,2-Dichlor	0.529	0.496	0.509	0.519	0.508	0.494	0.509	2.66
22) T	Diisopropyl ether	1.853	1.802	1.977	1.984	1.953	1.921	1.915	3.82
23) T	Vinyl Acetate	1.156	1.181	1.345	1.434	1.462	1.459	1.339	10.39
24) P	1,1-Dichloroethan	1.094	1.038	1.041	1.031	1.009	0.994	1.034	3.34
25) T	2-Butanone	0.238	0.239	0.271	0.279	0.284	0.281	0.265	8.03
26) T	2,2-Dichloropropa	0.733	0.657	0.664	0.688	0.685	0.679	0.684	3.89
27) T	cis-1,2-Dichloroe	0.590	0.593	0.597	0.601	0.590	0.579	0.592	1.27
28) T	Bromochloromethan	0.522	0.535	0.514	0.500	0.479	0.395	0.491	10.33
29) T	Tetrahydrofuran	0.160	0.164	0.173	0.183	0.183	0.182	0.174	5.72
30) C	Chloroform	1.042	0.966	1.006	0.991	0.965	0.948	0.986	3.48#
31) T	Cyclohexane	1.844	1.125	1.009	0.971	0.944	0.936	1.138	31.00
32) T	1,1,1-Trichloroet	0.753	0.770	0.800	0.803	0.797	0.791	0.786	2.54
33) S	1,2-Dichloroethan		0.645	0.693	0.666	0.622	0.511	0.627	11.22

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.337	0.349	0.335	0.313	0.260	0.319	11.01
36) T	1,1-Dichloroprope	0.464	0.475	0.456	0.457	0.461	0.460	0.462	1.48
37) T	Ethyl Acetate	0.276	0.325	0.366	0.370	0.372	0.372	0.347	11.28
38) T	Carbon Tetrachlor	0.489	0.427	0.420	0.423	0.424	0.426	0.435	6.10
39) T	Methylcyclohexane	0.552	0.517	0.533	0.524	0.524	0.524	0.529	2.34
40) TM	Benzene	1.411	1.415	1.420	1.397	1.372	1.368	1.397	1.61
41) T	Methacrylonitrile	0.216	0.217	0.197	0.207	0.229	0.216	0.213	5.09
42) TM	1,2-Dichloroethan	0.515	0.515	0.495	0.488	0.471	0.465	0.491	4.30
43) T	Isopropyl Acetate	0.529	0.533	0.585	0.623	0.636	0.652	0.593	8.95
44) TM	Trichloroethene	0.363	0.370	0.355	0.356	0.350	0.349	0.357	2.25
45) C	1,2-Dichloropropa	0.392	0.412	0.402	0.388	0.387	0.384	0.394	2.72#
46) T	Dibromomethane	0.235	0.223	0.231	0.229	0.219	0.218	0.226	2.96
47) T	Bromodichlorometh	0.452	0.436	0.462	0.468	0.464	0.474	0.459	2.93
48) T	Methyl methacryla	0.312	0.260	0.296	0.309	0.321	0.335	0.306	8.48
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.004	0.004	0.003	11.07
50) S	Toluene-d8		1.164	1.291	1.233	1.171	0.995	1.171	9.48
51) T	4-Methyl-2-Pentan	0.315	0.316	0.346	0.361	0.370	0.376	0.347	7.59
52) CM	Toluene	0.802	0.829	0.850	0.834	0.815	0.828	0.826	2.00#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.350	0.352	0.396	0.438	0.466	0.494	0.416	14.45
54) T	cis-1,3-Dichlorop	0.444	0.449	0.519	0.539	0.554	0.571	0.512	10.55
55) T	1,1,2-Trichloroet	0.294	0.305	0.315	0.316	0.307	0.309	0.308	2.63
56) T	Ethyl methacrylat	0.334	0.347	0.381	0.418	0.437	0.458	0.396	12.62
57) T	1,3-Dichloropropa	0.488	0.512	0.556	0.546	0.540	0.545	0.531	4.88
58) T	2-Chloroethyl Vin	0.120	0.133	0.147	0.160	0.178	0.193	0.155	17.67
59) T	2-Hexanone	0.185	0.193	0.216	0.226	0.238	0.244	0.217	10.94
60) T	Dibromochlorometh	0.246	0.275	0.305	0.327	0.336	0.349	0.306	12.88
61) T	1,2-Dibromoethane	0.283	0.277	0.290	0.299	0.304	0.315	0.295	4.74
62) S	4-Bromofluorobenz		0.388	0.415	0.409	0.410	0.350	0.394	6.83
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.446	0.414	0.393	0.381	0.364	0.349	0.391	8.94
65) PM	Chlorobenzene	0.948	0.952	0.979	0.971	0.964	0.971	0.964	1.25
66) T	1,1,1,2-Tetrachlo	0.341	0.337	0.362	0.361	0.363	0.367	0.355	3.64
67) C	Ethyl Benzene	1.771	1.761	1.796	1.764	1.769	1.764	1.771	0.72#
68) T	m/p-Xylenes	0.615	0.650	0.664	0.652	0.654	0.653	0.648	2.61
69) T	o-Xylene	0.674	0.618	0.655	0.631	0.636	0.631	0.641	3.13
70) T	Styrene	0.851	0.963	1.055	1.069	1.075	1.085	1.016	9.08
71) P	Bromoform	0.164	0.185	0.206	0.231	0.247	0.256	0.215	16.81
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	5.412	4.407	4.260	3.951	3.718	3.759	4.251	14.83
74) T	N-amyl acetate	1.433	1.175	1.206	1.267	1.281	1.325	1.281	7.15
75) P	1,1,2,2-Tetrachlo	1.398	1.156	1.090	1.033	0.965	0.961	1.101	14.86
76) T	1,2,3-Trichloropr	1.087	0.981	0.891	0.948	0.803	0.809	0.920	11.82
77) T	Bromobenzene	1.354	1.058	1.003	0.974	0.933	0.944	1.044	15.15
78) T	n-propylbenzene	5.418	4.786	4.674	4.443	4.230	4.238	4.632	9.63
79) T	2-Chlorotoluene	3.594	2.966	2.850	2.676	2.543	2.537	2.861	13.88
80) T	1,3,5-Trimethylbe	4.104	3.630	3.523	3.265	3.141	3.101	3.461	10.94
81) T	trans-1,4-Dichlor	0.225	0.178	0.207	0.216	0.243	0.268	0.223	13.77
82) T	4-Chlorotoluene	3.286	2.823	2.731	2.629	2.552	2.582	2.767	9.87
83) T	tert-Butylbenzene	3.595	3.176	2.999	2.778	2.624	2.616	2.965	12.76
84) T	1,2,4-Trimethylbe	3.642	3.458	3.413	3.231	3.090	3.077	3.318	6.75
85) T	sec-Butylbenzene	4.333	4.042	3.834	3.637	3.439	3.428	3.785	9.43
86) T	p-Isopropyltoluen	3.682	3.353	3.390	3.195	3.089	3.048	3.293	7.13
87) T	1,3-Dichlorobenze	1.938	1.735	1.692	1.619	1.610	1.595	1.698	7.62
88) T	1,4-Dichlorobenze	1.824	1.631	1.595	1.575	1.553	1.568	1.624	6.25
89) T	n-Butylbenzene	2.792	2.350	2.472	2.597	2.646	2.658	2.586	5.99
90) T	Hexachloroethane	0.650	0.555	0.499	0.510	0.515	0.536	0.544	10.22
91) T	1,2-Dichlorobenze	1.806	1.737	1.667	1.602	1.558	1.523	1.649	6.60
92) T	1,2-Dibromo-3-Chl	0.143	0.136	0.131	0.147	0.149	0.152	0.143	5.62
93) T	1,2,4-Trichlorobe	0.546	0.512	0.638	0.761	0.834	0.875	0.694	21.86
94) T	Hexachlorobutadie	0.800	0.634	0.549	0.508	0.486	0.472	0.575	21.70
95) T	Naphthalene	1.499	1.150	1.383	1.672	1.946	2.099	1.625	21.86
96) T	1,2,3-Trichlorobe	0.726	0.606	0.679	0.773	0.820	0.856	0.744	12.44

(#) = Out of Range