

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N051719W.M
 Title : SW846 8260
 Last Update : Fri May 17 23:54:12 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN055598.D 5 =VN055599.D 20 =VN055600.D
 50 =VN055601.D 100 =VN055602.D 150 =VN055603.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.464	0.407	0.374	0.360	0.351	0.352	0.385	11.48
3) P	Chloromethane	0.608	0.531	0.496	0.480	0.482	0.481	0.513	9.81
4) C	Vinyl Chloride	0.637	0.585	0.545	0.521	0.526	0.519	0.556	8.44#
5) T	Bromomethane		0.388	0.354	0.339	0.342	0.348	0.354	5.55
6) T	Chloroethane	0.320	0.314	0.307	0.303	0.305	0.301	0.309	2.36
7) T	Trichlorofluorome	0.769	0.746	0.722	0.688	0.677	0.670	0.712	5.64
8) T	Diethyl Ether	0.284	0.292	0.293	0.285	0.285	0.278	0.286	1.88
9) T	1,1,2-Trichlorotr	0.471	0.453	0.439	0.421	0.410	0.411	0.434	5.65
10) T	Methyl Iodide		0.601	0.621	0.632	0.646	0.629	0.626	2.67
11) T	Tert butyl alcoho		0.103	0.105	0.103	0.101	0.099	0.102	1.96
12) CM	1,1-Dichloroethen	0.511	0.483	0.457	0.435	0.430	0.424	0.457	7.51#
13) T	Acrolein		0.070	0.050	0.050	0.052	0.053	0.055	15.71
14) T	Allyl chloride	0.773	0.757	0.757	0.738	0.671	0.727	0.737	4.93
15) T	Acrylonitrile	0.210	0.226	0.231	0.229	0.234	0.234	0.227	3.91
16) T	Acetone	0.244	0.227	0.229	0.220	0.215	0.207	0.224	5.77
17) T	Carbon Disulfide	1.416	1.315	1.258	1.212	1.208	1.207	1.269	6.56
18) T	Methyl Acetate	0.515	0.484	0.460	0.470	0.476	0.473	0.480	3.96
19) T	Methyl tert-butyl	1.612	1.530	1.531	1.476	1.468	1.448	1.511	3.98
20) T	Methylene Chlorid	0.587	0.524	0.504	0.486	0.482	0.479	0.510	8.08
21) T	trans-1,2-Dichlor	0.524	0.507	0.487	0.469	0.467	0.464	0.486	5.04
22) T	Diisopropyl ether	1.547	1.477	1.454	1.419	1.436	1.431	1.461	3.22
23) T	Vinyl Acetate	1.203	1.241	1.264	1.238	1.251	1.241	1.239	1.64
24) P	1,1-Dichloroethan	0.887	0.876	0.873	0.846	0.838	0.819	0.856	3.08
25) T	2-Butanone	0.305	0.306	0.314	0.315	0.320	0.316	0.313	1.93
26) T	2,2-Dichloropropa	0.866	0.793	0.760	0.728	0.716	0.698	0.760	8.13
27) T	cis-1,2-Dichloroe	0.617	0.585	0.567	0.546	0.545	0.539	0.566	5.36
28) T	Bromochloromethan	0.358	0.381	0.393	0.381	0.366	0.357	0.373	3.92
29) T	Tetrahydrofuran	0.228	0.199	0.206	0.203	0.206	0.203	0.207	4.96
30) C	Chloroform	0.979	0.904	0.882	0.841	0.841	0.828	0.879	6.47#
31) T	Cyclohexane		0.974	0.821	0.764	0.750	0.756	0.813	11.62
32) T	1,1,1-Trichloroet	0.904	0.807	0.783	0.751	0.747	0.740	0.789	7.84
33) S	1,2-Dichloroethan		0.535	0.593	0.545	0.534	0.533	0.548	4.69
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.301	0.340	0.322	0.316	0.309	0.318	4.71
36) T	1,1-Dichloroprope	0.515	0.437	0.438	0.431	0.432	0.422	0.446	7.72
37) T	Ethyl Acetate	0.365	0.389	0.415	0.422	0.416	0.406	0.402	5.34
38) T	Carbon Tetrachlor	0.579	0.483	0.466	0.449	0.444	0.437	0.476	11.10
39) T	Methylcyclohexane	0.605	0.553	0.523	0.517	0.513	0.514	0.537	6.72
40) TM	Benzene	1.383	1.335	1.326	1.283	1.282	1.258	1.311	3.48
41) T	Methacrylonitrile	0.160	0.201	0.145	0.190	0.179	0.158	0.172	12.40
42) TM	1,2-Dichloroethan	0.423	0.437	0.426	0.422	0.426	0.414	0.425	1.73
43) T	Isopropyl Acetate	0.719	0.684	0.683	0.688	0.721	0.704	0.700	2.48
44) TM	Trichloroethene	0.389	0.372	0.370	0.364	0.367	0.358	0.370	2.78
45) C	1,2-Dichloropropa	0.360	0.351	0.352	0.339	0.339	0.332	0.345	3.03#
46) T	Dibromomethane	0.228	0.230	0.227	0.223	0.226	0.221	0.226	1.47
47) T	Bromodichlorometh	0.535	0.473	0.465	0.461	0.461	0.448	0.474	6.53
48) T	Methyl methacryla	0.265	0.309	0.315	0.324	0.332	0.331	0.313	8.01
49) T	1,4-Dioxane	0.006	0.006	0.006	0.007	0.006	0.006	0.006	5.70
50) S	Toluene-d8		1.120	1.278	1.208	1.200	1.198	1.201	4.64
51) T	4-Methyl-2-Pentan	0.415	0.406	0.407	0.403	0.417	0.416	0.410	1.47
52) CM	Toluene	0.892	0.805	0.805	0.803	0.820	0.810	0.822	4.19#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.485	0.494	0.507	0.515	0.532	0.527	0.510	3.61
54) T	cis-1,3-Dichlorop	0.548	0.548	0.566	0.562	0.568	0.560	0.559	1.58
55) T	1,1,2-Trichloroet	0.388	0.337	0.334	0.325	0.326	0.321	0.339	7.36
56) T	Ethyl methacrylat	0.588	0.493	0.513	0.514	0.532	0.530	0.529	6.16
57) T	1,3-Dichloropropa	0.549	0.520	0.540	0.531	0.543	0.535	0.536	1.89
58) T	2-Chloroethyl Vin	0.198	0.213	0.224	0.228	0.243	0.241	0.225	7.54
59) T	2-Hexanone	0.270	0.269	0.283	0.293	0.309	0.310	0.289	6.29
60) T	Dibromochlorometh	0.386	0.376	0.381	0.382	0.391	0.386	0.384	1.36
61) T	1,2-Dibromoethane	0.338	0.325	0.339	0.339	0.347	0.346	0.339	2.34
62) S	4-Bromofluorobenz		0.354	0.430	0.420	0.430	0.440	0.415	8.39
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.416	0.425	0.397	0.382	0.376	0.369	0.394	5.77
65) PM	Chlorobenzene	1.094	1.015	0.999	0.990	0.990	0.981	1.011	4.15
66) T	1,1,1,2-Tetrachlo	0.452	0.424	0.409	0.390	0.385	0.381	0.407	6.67
67) C	Ethyl Benzene	1.989	1.830	1.786	1.735	1.737	1.733	1.802	5.52#
68) T	m/p-Xylenes	0.731	0.695	0.673	0.660	0.660	0.662	0.680	4.16
69) T	o-Xylene	0.735	0.674	0.671	0.639	0.636	0.639	0.665	5.70
70) T	Stvrene	1.100	1.073	1.103	1.101	1.125	1.136	1.106	1.99
71) P	Bromoform	0.337	0.335	0.347	0.346	0.351	0.351	0.345	2.01
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	5.326	4.711	4.007	3.584	3.461	3.368	4.076	19.29
74) T	N-amyl acetate	1.269	1.527	1.416	1.397	1.417	1.398	1.404	5.86
75) P	1,1,2,2-Tetrachlo	1.676	1.395	1.217	1.114	1.090	1.062	1.259	18.88
76) T	1,2,3-Trichloropr	1.136	1.236	0.996	0.911	0.885	0.956	1.020	13.50
77) T	Bromobenzene	1.229	1.093	1.024	0.942	0.947	0.926	1.027	11.45
78) T	n-propylbenzene	5.547	4.899	4.341	4.028	3.949	3.877	4.440	14.85
79) T	2-Chlorotoluene	3.483	3.021	2.614	2.396	2.350	2.313	2.696	17.31
80) T	1,3,5-Trimethylbe	4.427	3.887	3.344	3.053	2.962	2.896	3.428	17.78
81) T	trans-1,4-Dichlor		0.423	0.399	0.383	0.391	0.389	0.397	3.91
82) T	4-Chlorotoluene	3.195	2.779	2.533	2.418	2.396	2.375	2.616	12.26
83) T	tert-Butylbenzene	3.994	3.531	2.931	2.621	2.509	2.425	3.002	21.02
84) T	1,2,4-Trimethylbe	4.227	3.815	3.310	3.029	2.954	2.911	3.374	15.88
85) T	sec-Butylbenzene	4.840	4.393	3.728	3.423	3.301	3.223	3.818	17.22
86) T	p-Isopropyltoluen	4.462	3.928	3.393	3.163	3.088	3.019	3.509	16.30
87) T	1,3-Dichlorobenze	1.943	1.722	1.686	1.620	1.621	1.595	1.698	7.60
88) T	1,4-Dichlorobenze	1.725	1.603	1.627	1.586	1.597	1.588	1.621	3.28
89) T	n-Butylbenzene	2.955	2.993	2.741	2.625	2.594	2.555	2.744	6.90
90) T	Hexachloroethane	0.828	0.771	0.662	0.613	0.587	0.573	0.672	15.55
91) T	1,2-Dichlorobenze	1.989	1.782	1.695	1.597	1.560	1.533	1.692	10.17
92) T	1,2-Dibromo-3-Chl	0.229	0.247	0.237	0.225	0.213	0.211	0.227	6.25
93) T	1,2,4-Trichlorobe	0.680	0.737	0.903	0.935	0.946	0.968	0.862	14.12
94) T	Hexachlorobutadie	0.727	0.688	0.601	0.549	0.510	0.494	0.595	16.07
95) T	Naphthalene	1.885	1.775	2.431	2.535	2.604	2.690	2.320	16.84
96) T	1,2,3-Trichlorobe	0.843	0.809	0.954	0.924	0.929	0.946	0.901	6.65

(#) = Out of Range