

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N052319W.M
 Title : SW846 8260
 Last Update : Fri May 24 06:41:54 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN055743.D 5 =VN055750.D 20 =VN055745.D
 50 =VN055746.D 100 =VN055747.D 150 =VN055748.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.396	0.352	0.336	0.317	0.310	0.308	0.337	10.04
3) P	Chloromethane	0.542	0.457	0.482	0.457	0.454	0.436	0.471	7.93
4) C	Vinyl Chloride	0.595	0.480	0.507	0.484	0.481	0.471	0.503	9.26#
5) T	Bromomethane		0.362	0.343	0.327	0.296	0.245	0.315	14.50
6) T	Chloroethane	0.339	0.304	0.322	0.304	0.278	0.270	0.303	8.54
7) T	Trichlorofluorome	0.747	0.639	0.673	0.641	0.632	0.624	0.659	6.97
8) T	Diethyl Ether	0.362	0.268	0.299	0.288	0.281	0.275	0.295	11.68
9) T	1,1,2-Trichlorotr	0.450	0.414	0.418	0.399	0.394	0.393	0.412	5.28
10) T	Methyl Iodide		0.488	0.629	0.627	0.640	0.625	0.602	10.62
11) T	Tert butyl alcoho		0.078	0.118	0.102	0.100	0.095	0.099	14.64
12) CM	1,1-Dichloroethen	0.479	0.410	0.434	0.413	0.409	0.407	0.425	6.58#
13) T	Acrolein		0.077	0.073	0.068	0.067	0.068	0.071	6.29
14) T	Allyl chloride	0.781	0.702	0.765	0.709	0.711	0.707	0.729	4.72
15) T	Acrylonitrile	0.243	0.209	0.235	0.225	0.225	0.223	0.227	5.06
16) T	Acetone	0.262	0.209	0.251	0.223	0.211	0.205	0.227	10.58
17) T	Carbon Disulfide	1.398	1.184	1.206	1.146	1.162	1.153	1.208	7.92
18) T	Methyl Acetate	0.821	0.540	0.491	0.468	0.453	0.454	0.538	26.53
19) T	Methyl tert-butyl	1.579	1.346	1.468	1.381	1.375	1.359	1.418	6.34
20) T	Methylene Chlorid	0.595	0.464	0.496	0.466	0.467	0.461	0.492	10.65
21) T	trans-1,2-Dichlor	0.505	0.448	0.467	0.442	0.440	0.439	0.457	5.66
22) T	Diisopropyl ether	1.554	1.328	1.451	1.390	1.392	1.391	1.418	5.44
23) T	Vinyl Acetate	1.310	1.110	1.261	1.212	1.204	1.197	1.216	5.54
24) P	1,1-Dichloroethan	0.948	0.786	0.842	0.795	0.797	0.785	0.826	7.71
25) T	2-Butanone	0.352	0.292	0.329	0.314	0.309	0.306	0.317	6.64
26) T	2,2-Dichloropropa	0.901	0.682	0.721	0.674	0.660	0.648	0.714	13.28
27) T	cis-1,2-Dichloroe	0.593	0.497	0.546	0.526	0.522	0.514	0.533	6.30
28) T	Bromochloromethan	0.415	0.351	0.442	0.392	0.385	0.373	0.393	8.14
29) T	Tetrahydrofuran	0.223	0.189	0.207	0.199	0.194	0.193	0.201	6.20
30) C	Chloroform	0.906	0.786	0.851	0.807	0.798	0.791	0.823	5.68#
31) T	Cyclohexane		0.867	0.808	0.745	0.731	0.724	0.775	7.89
32) T	1,1,1-Trichloroet	0.825	0.694	0.760	0.712	0.714	0.703	0.735	6.77
33) S	1,2-Dichloroethan		0.480	0.578	0.521	0.503	0.501	0.516	7.21
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.297	0.347	0.319	0.309	0.308	0.316	5.97
36) T	1,1-Dichloroprope	0.488	0.448	0.429	0.417	0.420	0.413	0.436	6.52
37) T	Ethyl Acetate	0.427	0.415	0.447	0.420	0.412	0.407	0.421	3.46
38) T	Carbon Tetrachlor	0.499	0.453	0.461	0.440	0.439	0.431	0.454	5.40
39) T	Methylcyclohexane	0.595	0.546	0.529	0.520	0.523	0.524	0.540	5.34
40) TM	Benzene	1.415	1.291	1.343	1.289	1.281	1.261	1.313	4.33
41) T	Methacrylonitrile	0.244	0.213	0.204	0.205	0.208	0.203	0.213	7.40
42) TM	1,2-Dichloroethan	0.453	0.432	0.444	0.420	0.417	0.410	0.429	3.88
43) T	Isopropyl Acetate	0.772	0.686	0.699	0.690	0.703	0.695	0.708	4.55
44) TM	Trichloroethene	0.373	0.369	0.370	0.363	0.362	0.359	0.366	1.50
45) C	1,2-Dichloropropa	0.351	0.347	0.348	0.339	0.337	0.332	0.342	2.20#
46) T	Dibromomethane	0.222	0.226	0.232	0.225	0.222	0.220	0.224	1.91
47) T	Bromodichlorometh	0.500	0.447	0.463	0.452	0.452	0.446	0.460	4.49
48) T	Methyl methacryla	0.317	0.304	0.341	0.330	0.334	0.331	0.326	4.11
49) T	1,4-Dioxane	0.007	0.007	0.007	0.007	0.007	0.007	0.007	1.65
50) S	Toluene-d8		1.166	1.314	1.213	1.185	1.184	1.213	4.90
51) T	4-Methyl-2-Pentan	0.438	0.402	0.423	0.423	0.417	0.404	0.418	3.18
52) CM	Toluene	0.866	0.797	0.842	0.819	0.818	0.813	0.826	2.97#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.477	0.458	0.494	0.500	0.509	0.508	0.491	4.08
54) T	cis-1,3-Dichlorop	0.545	0.520	0.552	0.547	0.552	0.548	0.544	2.21
55) T	1,1,2-Trichloroet	0.339	0.326	0.340	0.330	0.326	0.324	0.331	2.16
56) T	Ethyl methacrylat	0.514	0.475	0.512	0.523	0.527	0.518	0.511	3.67
57) T	1,3-Dichloropropa	0.562	0.520	0.548	0.532	0.535	0.529	0.538	2.79
58) T	2-Chloroethyl Vin	0.180	0.180	0.190	0.201	0.206	0.216	0.195	7.38
59) T	2-Hexanone	0.303	0.282	0.299	0.304	0.302	0.289	0.296	3.05
60) T	Dibromochlorometh	0.387	0.365	0.388	0.387	0.393	0.392	0.385	2.67
61) T	1,2-Dibromoethane	0.351	0.330	0.343	0.345	0.346	0.344	0.343	2.03
62) S	4-Bromofluorobenz		0.371	0.436	0.425	0.428	0.420	0.416	6.20
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.477	0.442	0.431	0.401	0.393	0.386	0.422	8.21
65) PM	Chlorobenzene	1.057	1.025	1.004	0.980	0.976	0.964	1.001	3.50
66) T	1,1,1,2-Tetrachlo	0.450	0.403	0.399	0.383	0.381	0.379	0.399	6.76
67) C	Ethyl Benzene	1.932	1.828	1.808	1.744	1.745	1.714	1.795	4.43#
68) T	m/p-Xylenes	0.709	0.683	0.685	0.664	0.671	0.659	0.679	2.66
69) T	o-Xylene	0.738	0.664	0.686	0.655	0.656	0.640	0.673	5.23
70) T	Styrene	1.072	1.032	1.101	1.109	1.126	1.101	1.090	3.06
71) P	Bromoform	0.333	0.329	0.343	0.346	0.350	0.342	0.341	2.36
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	5.490	4.881	4.234	3.640	3.449	3.420	4.186	20.30
74) T	N-amyl acetate	1.970	1.690	1.507	1.411	1.338	1.299	1.536	16.56
75) P	1,1,2,2-Tetrachlo	1.625	1.428	1.260	1.109	1.032	0.993	1.241	19.91
76) T	1,2,3-Trichloropr	1.271	1.034	1.066	0.905	0.838	0.816	0.988	17.35
77) T	Bromobenzene	1.235	1.210	1.087	0.983	0.952	0.935	1.067	12.36
78) T	n-propylbenzene	5.170	4.916	4.362	3.956	3.860	3.811	4.346	13.34
79) T	2-Chlorotoluene	3.351	3.143	2.716	2.404	2.300	2.243	2.693	17.23
80) T	1,3,5-Trimethylbe	4.460	4.033	3.472	3.071	2.940	2.869	3.474	18.65
81) T	trans-1,4-Dichlor		0.416	0.382	0.359	0.353	0.348	0.372	7.54
82) T	4-Chlorotoluene	2.937	2.814	2.579	2.385	2.320	2.292	2.554	10.61
83) T	tert-Butylbenzene	4.073	3.663	3.070	2.674	2.527	2.462	3.078	21.44
84) T	1,2,4-Trimethylbe	4.135	3.931	3.429	3.060	2.944	2.873	3.395	15.71
85) T	sec-Butylbenzene	4.668	4.417	3.869	3.453	3.310	3.236	3.826	15.75
86) T	p-Isopropyltoluen	4.114	3.867	3.527	3.193	3.097	3.036	3.472	12.75
87) T	1,3-Dichlorobenze	1.874	1.737	1.712	1.624	1.608	1.583	1.689	6.44
88) T	1,4-Dichlorobenze	1.736	1.619	1.607	1.552	1.567	1.556	1.606	4.31
89) T	n-Butylbenzene	2.895	2.803	2.642	2.542	2.550	2.531	2.661	5.79
90) T	Hexachloroethane	0.806	0.730	0.677	0.604	0.580	0.568	0.661	14.24
91) T	1,2-Dichlorobenze	1.873	1.790	1.750	1.598	1.561	1.541	1.686	8.17
92) T	1,2-Dibromo-3-Chl	0.262	0.230	0.225	0.206	0.201	0.205	0.222	10.44
93) T	1,2,4-Trichlorobe	0.653	0.746	0.802	0.861	0.976	1.047	0.847	17.27
94) T	Hexachlorobutadie	0.783	0.806	0.674	0.594	0.580	0.579	0.669	15.43
95) T	Naphthalene	1.927	1.995	2.221	2.399	2.603	2.732	2.313	14.03
96) T	1,2,3-Trichlorobe	0.715	0.854	0.870	0.894	0.977	1.036	0.891	12.43

(#) = Out of Range