

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N060419W.M
 Title : SW846 8260
 Last Update : Tue Jun 04 11:02:09 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN055975.D 5 =VN055976.D 20 =VN055977.D
 50 =VN055978.D 100 =VN055979.D 150 =VN055980.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.362	0.352	0.576	0.553	0.554	0.550	0.491	21.24
3) P	Chloromethane	0.469	0.477	0.596	0.570	0.572	0.567	0.542	10.05
4) C	Vinyl Chloride	0.475	0.476	0.595	0.574	0.568	0.574	0.544	9.89#
5) T	Bromomethane		0.368	0.403	0.356	0.314	0.277	0.343	14.27
6) T	Chloroethane	0.312	0.301	0.341	0.327	0.306	0.303	0.315	5.00
7) T	Trichlorofluorome	0.695	0.660	0.715	0.707	0.694	0.693	0.694	2.73
8) T	Diethyl Ether	0.287	0.287	0.295	0.286	0.279	0.279	0.285	2.06
9) T	1,1,2-Trichlorotr	0.393	0.419	0.443	0.427	0.425	0.421	0.422	3.86
10) T	Methyl Iodide		0.587	0.678	0.688	0.700	0.697	0.670	7.00
11) T	Tert butyl alcoho		0.079	0.094	0.086	0.088	0.085	0.086	6.19
12) CM	1,1-Dichloroethen	0.363	0.420	0.438	0.432	0.430	0.436	0.420	6.84#
13) T	Acrolein		0.024	0.025	0.025	0.025	0.025	0.025	1.61
14) T	Allyl chloride	0.620	0.617	0.675	0.680	0.688	0.698	0.663	5.32
15) T	Acrylonitrile	0.168	0.207	0.220	0.222	0.222	0.223	0.210	10.33
16) T	Acetone	0.248	0.227	0.255	0.243	0.231	0.221	0.237	5.58
17) T	Carbon Disulfide	0.858	0.834	0.999	1.058	1.115	1.166	1.005	13.50
18) T	Methyl Acetate	0.726	0.528	0.484	0.464	0.459	0.465	0.521	19.86
19) T	Methyl tert-butyl	1.296	1.317	1.377	1.354	1.333	1.350	1.338	2.15
20) T	Methylene Chlorid	0.468	0.507	0.504	0.484	0.484	0.488	0.489	2.93
21) T	trans-1,2-Dichlor	0.416	0.445	0.463	0.459	0.456	0.459	0.450	3.95
22) T	Diisopropyl ether	1.349	1.338	1.385	1.370	1.376	1.403	1.370	1.71
23) T	Vinyl Acetate	0.897	0.972	1.126	1.146	1.158	1.174	1.079	10.71
24) P	1,1-Dichloroethan	0.737	0.803	0.820	0.801	0.787	0.794	0.790	3.57
25) T	2-Butanone	0.263	0.284	0.317	0.315	0.312	0.310	0.300	7.28
26) T	2,2-Dichloropropa	0.607	0.592	0.626	0.626	0.620	0.629	0.617	2.34
27) T	cis-1,2-Dichloroe	0.491	0.534	0.546	0.538	0.530	0.534	0.529	3.67
28) T	Bromochloromethan	0.354	0.354	0.395	0.392	0.378	0.370	0.374	4.74
29) T	Tetrahydrofuran	0.164	0.185	0.191	0.191	0.191	0.190	0.185	5.92
30) C	Chloroform	0.753	0.798	0.820	0.808	0.795	0.797	0.795	2.88#
31) T	Cyclohexane		0.876	0.796	0.763	0.752	0.752	0.788	6.65
32) T	1,1,1-Trichloroet	0.596	0.640	0.686	0.681	0.685	0.695	0.664	5.80
33) S	1,2-Dichloroethan		0.475	0.537	0.500	0.488	0.481	0.496	4.93
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.287	0.325	0.310	0.306	0.306	0.307	4.47
36) T	1,1-Dichloroprope	0.470	0.417	0.415	0.423	0.428	0.426	0.430	4.68
37) T	Ethyl Acetate	0.336	0.355	0.395	0.401	0.405	0.404	0.383	7.71
38) T	Carbon Tetrachlor	0.393	0.365	0.396	0.401	0.411	0.411	0.396	4.27
39) T	Methylcyclohexane	0.534	0.523	0.535	0.536	0.541	0.544	0.536	1.35
40) TM	Benzene	1.271	1.290	1.335	1.321	1.308	1.310	1.306	1.73
41) T	Methacrylonitrile	0.167	0.159	0.179	0.170	0.192	0.190	0.176	7.48
42) TM	1,2-Dichloroethan	0.427	0.431	0.432	0.414	0.411	0.406	0.420	2.66
43) T	Isopropyl Acetate	0.557	0.575	0.621	0.644	0.655	0.668	0.620	7.27
44) TM	Trichloroethene	0.378	0.374	0.377	0.375	0.371	0.376	0.375	0.69
45) C	1,2-Dichloropropa	0.327	0.323	0.346	0.335	0.336	0.339	0.334	2.49#
46) T	Dibromomethane	0.206	0.217	0.222	0.221	0.223	0.223	0.219	3.05
47) T	Bromodichlorometh	0.360	0.357	0.397	0.411	0.423	0.429	0.396	7.86
48) T	Methyl methacryla	0.272	0.294	0.307	0.305	0.319	0.323	0.303	6.10
49) T	1,4-Dioxane	0.006	0.006	0.007	0.007	0.007	0.007	0.007	6.09
50) S	Toluene-d8		1.096	1.250	1.184	1.187	1.185	1.180	4.63
51) T	4-Methyl-2-Pentan	0.366	0.372	0.388	0.397	0.409	0.395	0.388	4.17
52) CM	Toluene	0.738	0.800	0.837	0.828	0.831	0.841	0.813	4.85#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.319	0.344	0.411	0.439	0.469	0.487	0.411	16.49
54) T	cis-1,3-Dichlorop	0.377	0.421	0.490	0.504	0.528	0.539	0.476	13.46
55) T	1,1,2-Trichloroet	0.293	0.318	0.331	0.328	0.328	0.333	0.322	4.60
56) T	Ethyl methacrylat	0.402	0.432	0.463	0.492	0.516	0.513	0.470	9.81
57) T	1,3-Dichloropropa	0.487	0.503	0.537	0.533	0.537	0.542	0.523	4.37
58) T	2-Chloroethyl Vin	0.134	0.142	0.157	0.171	0.189	0.197	0.165	15.47
59) T	2-Hexanone	0.269	0.263	0.282	0.286	0.299	0.287	0.281	4.68
60) T	Dibromochlorometh	0.233	0.258	0.310	0.337	0.359	0.372	0.311	17.97
61) T	1,2-Dibromoethane	0.288	0.312	0.331	0.338	0.351	0.354	0.329	7.61
62) S	4-Bromofluorobenz		0.344	0.412	0.409	0.427	0.415	0.401	8.15
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.501	0.445	0.433	0.421	0.402	0.395	0.433	8.84
65) PM	Chlorobenzene	1.033	0.989	0.995	0.989	0.980	0.984	0.995	1.94
66) T	1,1,1,2-Tetrachlo	0.297	0.324	0.353	0.357	0.361	0.369	0.344	8.05
67) C	Ethyl Benzene	1.747	1.664	1.757	1.744	1.728	1.742	1.730	1.97#
68) T	m/p-Xylenes	0.648	0.632	0.671	0.672	0.672	0.672	0.661	2.62
69) T	o-Xylene	0.631	0.652	0.660	0.658	0.653	0.647	0.650	1.63
70) T	Stvrene	0.861	0.961	1.047	1.092	1.117	1.120	1.033	9.97
71) P	Bromoform	0.186	0.198	0.233	0.274	0.297	0.302	0.248	20.11
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.951	4.567	4.148	3.730	3.433	3.446	4.046	15.39
74) T	N-amyl acetate	1.422	1.454	1.359	1.296	1.242	1.224	1.333	7.09
75) P	1,1,2,2-Tetrachlo	1.395	1.303	1.185	1.091	1.007	0.984	1.161	14.16
76) T	1,2,3-Trichloropr	1.062	0.989	0.978	0.873	0.818	0.801	0.920	11.41
77) T	Bromobenzene	1.242	1.195	1.079	1.008	0.952	0.947	1.070	11.67
78) T	n-propylbenzene	4.839	4.530	4.270	4.057	3.823	3.860	4.230	9.43
79) T	2-Chlorotoluene	3.239	3.073	2.673	2.450	2.273	2.268	2.663	15.52
80) T	1,3,5-Trimethylbe	4.078	3.742	3.411	3.097	2.929	2.913	3.362	14.07
81) T	trans-1,4-Dichlor		0.231	0.252	0.285	0.303	0.310	0.276	12.18
82) T	4-Chlorotoluene	2.782	2.585	2.502	2.376	2.306	2.297	2.475	7.61
83) T	tert-Butylbenzene	3.743	3.424	3.031	2.742	2.536	2.496	2.995	16.81
84) T	1,2,4-Trimethylbe	3.451	3.471	3.299	3.078	2.913	2.916	3.188	7.98
85) T	sec-Butylbenzene	4.397	4.066	3.842	3.550	3.325	3.297	3.746	11.65
86) T	p-Isopropyltoluen	3.733	3.499	3.451	3.250	3.092	3.090	3.353	7.59
87) T	1,3-Dichlorobenze	1.743	1.659	1.687	1.640	1.611	1.599	1.657	3.21
88) T	1,4-Dichlorobenze	1.659	1.600	1.590	1.571	1.568	1.573	1.594	2.15
89) T	n-Butylbenzene	2.506	2.371	2.433	2.508	2.526	2.558	2.484	2.76
90) T	Hexachloroethane	0.512	0.524	0.495	0.502	0.493	0.508	0.506	2.28
91) T	1,2-Dichlorobenze	1.807	1.746	1.732	1.626	1.563	1.562	1.673	6.17
92) T	1,2-Dibromo-3-Chl	0.131	0.152	0.178	0.176	0.176	0.183	0.166	12.11
93) T	1,2,4-Trichlorobe	0.562	0.564	0.724	0.816	0.931	1.007	0.767	24.18
94) T	Hexachlorobutadie	0.825	0.731	0.646	0.593	0.559	0.556	0.652	16.48
95) T	Naphthalene	1.392	1.462	1.890	2.180	2.421	2.582	1.988	24.83
96) T	1,2,3-Trichlorobe	0.613	0.663	0.815	0.874	0.935	1.003	0.817	18.73

(#) = Out of Range