

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N080618W.M
 Title : SW846 8260
 Last Update : Tue Aug 07 05:22:15 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN050375.D 5 =VN050376.D 20 =VN050377.D
 50 =VN050378.D 100 =VN050379.D 150 =VN050380.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.584	0.556	0.590	0.541	0.536	0.524	0.555	4.81
3) P	Chloromethane	1.006	0.762	0.717	0.657	0.655	0.638	0.739	18.76
4) C	Vinyl Chloride	0.742	0.735	0.752	0.699	0.698	0.685	0.718	3.88#
5) T	Bromomethane	0.764	0.431	0.343	0.325	0.346	0.353	0.427	39.62
6) T	Chloroethane	0.481	0.455	0.460	0.428	0.422	0.409	0.443	6.13
7) T	Trichlorofluorome	0.959	1.002	0.955	0.907	0.884	0.860	0.928	5.75
8) T	Diethyl Ether	0.332	0.357	0.343	0.332	0.339	0.338	0.340	2.78
9) T	1,1,2-Trichlorotr	0.606	0.604	0.597	0.553	0.544	0.535	0.573	5.68
10) T	Methyl Iodide		0.171	0.204	0.242	0.297	0.350	0.253	28.45
11) T	Tert butyl alcoho		0.052	0.051	0.053	0.055	0.057	0.054	4.23
12) CM	1,1-Dichloroethen	0.595	0.547	0.547	0.519	0.518	0.517	0.541	5.62#
13) T	Acrolein		0.036	0.072	0.068	0.073	0.072	0.064	24.45
14) T	Allyl chloride	0.875	0.886	0.869	0.857	0.868	0.852	0.868	1.43
15) T	Acrylonitrile	0.217	0.221	0.225	0.222	0.231	0.232	0.225	2.68
16) T	Acetone	0.285	0.216	0.197	0.193	0.202	0.198	0.215	16.27
17) T	Carbon Disulfide	2.206	1.815	1.703	1.611	1.607	1.603	1.758	13.33
18) T	Methyl Acetate	0.983	0.608	0.517	0.503	0.512	0.520	0.607	30.96
19) T	Methyl tert-butyl	1.432	1.513	1.562	1.555	1.573	1.570	1.534	3.55
20) T	Methylene Chlorid	1.251	0.748	0.661	0.613	0.597	0.597	0.745	34.23
21) T	trans-1,2-Dichlor	0.610	0.612	0.597	0.570	0.562	0.558	0.585	4.19
22) T	Diisopropyl ether	1.575	1.748	1.879	1.825	1.815	1.799	1.773	5.98
23) T	Vinyl Acetate	1.071	1.224	1.310	1.328	1.326	1.332	1.265	8.18
24) P	1,1-Dichloroethan	1.109	1.169	1.120	1.056	1.042	1.032	1.088	4.91
25) T	2-Butanone	0.312	0.327	0.330	0.332	0.341	0.345	0.331	3.49
26) T	2,2-Dichloropropa	0.995	0.955	0.916	0.856	0.839	0.821	0.897	7.76
27) T	cis-1,2-Dichloroe	0.649	0.661	0.661	0.641	0.641	0.638	0.648	1.57
28) T	Bromochloromethan	0.538	0.524	0.532	0.494	0.474	0.444	0.501	7.40
29) T	Tetrahydrofuran	0.176	0.172	0.176	0.177	0.181	0.182	0.177	2.16
30) C	Chloroform	1.082	1.178	1.120	1.065	1.046	1.036	1.088	4.90#
31) T	Cyclohexane	1.636	1.056	0.978	0.946	0.961	0.947	1.087	25.01
32) T	1,1,1-Trichloroet	0.922	1.007	0.956	0.916	0.906	0.899	0.934	4.34
33) S	1,2-Dichloroethan		0.723	0.696	0.646	0.643	0.633	0.668	5.88
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.413	0.413	0.401	0.394	0.386	0.401	2.90
36) T	1,1-Dichloroprope	0.479	0.558	0.565	0.568	0.568	0.558	0.549	6.37
37) T	Ethyl Acetate	0.345	0.368	0.409	0.420	0.417	0.414	0.396	7.96
38) T	Carbon Tetrachlor	0.609	0.589	0.571	0.561	0.558	0.550	0.573	3.85
39) T	Methylcyclohexane	0.532	0.558	0.602	0.621	0.647	0.638	0.600	7.62
40) TM	Benzene	1.611	1.726	1.730	1.700	1.698	1.669	1.689	2.62
41) T	Methacrylonitrile	0.195	0.204	0.200	0.213	0.227	0.224	0.210	6.18
42) TM	1,2-Dichloroethan	0.529	0.548	0.547	0.539	0.532	0.522	0.536	1.95
43) T	Isopropyl Acetate	0.583	0.705	0.678	0.695	0.723	0.714	0.683	7.50
44) TM	Trichloroethene	0.473	0.456	0.461	0.444	0.448	0.441	0.454	2.68
45) C	1,2-Dichloropropa	0.428	0.459	0.456	0.445	0.443	0.434	0.444	2.73#
46) T	Dibromomethane	0.260	0.290	0.278	0.273	0.274	0.270	0.274	3.59
47) T	Bromodichlorometh	0.553	0.591	0.572	0.563	0.568	0.561	0.568	2.27
48) T	Methyl methacryla	0.311	0.314	0.346	0.358	0.362	0.363	0.342	7.00
49) T	1,4-Dioxane	0.005	0.005	0.005	0.005	0.006	0.006	0.005	7.54
50) S	Toluene-d8		1.452	1.538	1.517	1.533	1.502	1.508	2.29
51) T	4-Methyl-2-Pentan	0.405	0.472	0.506	0.516	0.529	0.523	0.492	9.59
52) CM	Toluene	0.854	1.005	1.058	1.053	1.067	1.051	1.015	8.03#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.480	0.543	0.572	0.585	0.619	0.623	0.570	9.38
54) T	cis-1,3-Dichlorop	0.523	0.615	0.658	0.662	0.680	0.679	0.636	9.46
55) T	1,1,2-Trichloroet	0.375	0.415	0.404	0.396	0.396	0.391	0.396	3.41
56) T	Ethyl methacrylat	0.357	0.455	0.502	0.539	0.573	0.575	0.500	16.70
57) T	1,3-Dichloropropa	0.595	0.650	0.666	0.657	0.672	0.661	0.650	4.30
58) T	2-Chloroethyl Vin	0.169	0.206	0.236	0.257	0.266	0.267	0.233	16.77
59) T	2-Hexanone	0.285	0.322	0.346	0.358	0.376	0.374	0.343	10.16
60) T	Dibromochlorometh	0.410	0.430	0.432	0.442	0.454	0.450	0.436	3.67
61) T	1,2-Dibromoethane	0.324	0.399	0.402	0.398	0.411	0.408	0.390	8.40
62) S	4-Bromofluorobenz		0.452	0.507	0.518	0.547	0.546	0.514	7.54
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.475	0.483	0.488	0.463	0.457	0.437	0.467	4.07
65) PM	Chlorobenzene	1.339	1.283	1.247	1.225	1.221	1.207	1.254	3.95
66) T	1,1,1,2-Tetrachlo	0.460	0.478	0.459	0.448	0.449	0.443	0.456	2.80
67) C	Ethyl Benzene	1.750	1.956	2.067	2.117	2.147	2.120	2.026	7.47#
68) T	m/p-Xylenes	0.620	0.728	0.820	0.821	0.827	0.813	0.771	10.77
69) T	o-Xylene	0.608	0.702	0.779	0.786	0.794	0.789	0.743	10.04
70) T	Styrene	0.897	1.101	1.275	1.311	1.339	1.327	1.208	14.55
71) P	Bromoform	0.291	0.328	0.336	0.339	0.351	0.355	0.333	6.88
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.493	3.873	3.899	3.788	3.776	3.691	3.753	3.94
74) T	N-amyl acetate	1.163	1.192	1.208	1.223	1.254	1.259	1.217	3.03
75) P	1,1,2,2-Tetrachlo	1.210	1.190	1.082	1.025	1.009	0.982	1.083	8.90
76) T	1,2,3-Trichloropr	1.009	0.971	0.878	0.883	0.811	0.878	0.905	7.94
77) T	Bromobenzene	1.041	1.037	1.029	0.978	0.982	0.967	1.006	3.33
78) T	n-propylbenzene	3.775	4.217	4.446	4.369	4.388	4.296	4.248	5.77
79) T	2-Chlorotoluene	2.617	2.685	2.731	2.593	2.586	2.531	2.624	2.77
80) T	1,3,5-Trimethylbe	2.521	3.079	3.266	3.173	3.150	3.091	3.047	8.74
81) T	trans-1,4-Dichlor	0.199	0.242	0.247	0.267	0.286	0.304	0.258	14.34
82) T	4-Chlorotoluene	2.391	2.673	2.743	2.649	2.643	2.600	2.617	4.59
83) T	tert-Butylbenzene	2.433	2.732	2.752	2.685	2.701	2.646	2.658	4.38
84) T	1,2,4-Trimethylbe	2.426	3.071	3.352	3.249	3.238	3.183	3.086	10.90
85) T	sec-Butylbenzene	3.235	3.520	3.739	3.580	3.626	3.556	3.543	4.76
86) T	p-Isopropyltoluen	2.495	2.951	3.223	3.161	3.217	3.169	3.036	9.33
87) T	1,3-Dichlorobenze	1.840	1.829	1.823	1.752	1.765	1.737	1.791	2.50
88) T	1,4-Dichlorobenze	1.965	1.815	1.778	1.717	1.739	1.716	1.788	5.30
89) T	n-Butylbenzene	2.572	2.323	2.539	2.616	2.737	2.721	2.585	5.83
90) T	Hexachloroethane	0.647	0.545	0.498	0.508	0.512	0.530	0.540	10.17
91) T	1,2-Dichlorobenze	1.984	1.878	1.812	1.718	1.713	1.668	1.795	6.67
92) T	1,2-Dibromo-3-Chl	0.225	0.195	0.168	0.169	0.173	0.174	0.184	12.25
93) T	1,2,4-Trichlorobe	0.929	0.768	0.829	0.938	0.984	1.038	0.914	10.90
94) T	Hexachlorobutadie	1.335	0.588	0.531	0.495	0.500	0.485	0.656	51.09
95) T	Naphthalene	1.918	1.613	1.890	2.257	2.418	2.612	2.118	17.67
96) T	1,2,3-Trichlorobe	1.075	0.833	0.827	0.905	0.926	0.981	0.924	10.15

(#) = Out of Range