

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N101118W.M
 Title : SW846 8260
 Last Update : Fri Oct 12 09:51:20 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN051802.D 5 =VN051803.D 20 =VN051809.D
 50 =VN051810.D 100 =VN051811.D 150 =VN051812.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.272	0.303	0.261	0.255	0.276	0.298	0.278	7.03
3) P	Chloromethane	0.367	0.385	0.334	0.308	0.314	0.309	0.336	9.76
4) C	Vinyl Chloride	0.496	0.568	0.518	0.479	0.490	0.475	0.504	6.85#
5) T	Bromomethane	0.514	0.485	0.458	0.424	0.428	0.420	0.455	8.40
6) T	Chloroethane	0.391	0.411	0.378	0.353	0.351	0.337	0.370	7.57
7) T	Trichlorofluorome	0.730	0.804	0.761	0.713	0.802	0.682	0.749	6.59
8) T	Diethyl Ether	0.195	0.230	0.210	0.193	0.204	0.207	0.206	6.34
9) T	1,1,2-Trichlorotr	0.450	0.424	0.389	0.376	0.378	0.380	0.399	7.64
10) T	Methyl Iodide		0.453	0.492	0.517	0.582	0.588	0.526	11.09
11) T	Tert butyl alcoho		0.037	0.034	0.033	0.036	0.036	0.035	4.18
12) CM	1,1-Dichloroethen	0.362	0.384	0.358	0.340	0.351	0.358	0.359	4.06#
13) T	Acrolein		0.019	0.037	0.034	0.038	0.037	0.033	23.80
14) T	Allyl chloride	0.412	0.515	0.454	0.437	0.444	0.441	0.451	7.60
15) T	Acrylonitrile	0.095	0.119	0.118	0.114	0.121	0.120	0.114	8.49
16) T	Acetone	0.115	0.117	0.108	0.095	0.095	0.090	0.103	11.22
17) T	Carbon Disulfide	0.986	1.024	0.930	0.928	0.968	0.995	0.972	3.89
18) T	Methyl Acetate	0.608	0.358	0.279	0.261	0.270	0.266	0.340	39.90
19) T	Methyl tert-butyl	1.065	1.208	1.150	1.091	1.130	1.135	1.130	4.38
20) T	Methylene Chlorid	0.462	0.469	0.417	0.393	0.409	0.411	0.427	7.30
21) T	trans-1,2-Dichlor	0.430	0.441	0.417	0.399	0.415	0.427	0.421	3.44
22) T	Diisopropyl ether	0.984	1.077	1.014	0.957	0.976	0.966	0.996	4.48
23) T	Vinyl Acetate	0.653	0.767	0.744	0.722	0.743	0.740	0.728	5.41
24) P	1,1-Dichloroethan	0.701	0.741	0.682	0.657	0.663	0.661	0.684	4.71
25) T	2-Butanone	0.140	0.157	0.152	0.141	0.145	0.139	0.146	4.98
26) T	2,2-Dichloropropa	0.719	0.725	0.689	0.672	0.683	0.667	0.693	3.53
27) T	cis-1,2-Dichloroe	0.469	0.501	0.484	0.475	0.493	0.493	0.486	2.50
28) T	Bromochloromethan	0.300	0.302	0.309	0.262	0.277	0.273	0.287	6.71
29) T	Tetrahydrofuran	0.090	0.084	0.089	0.084	0.088	0.086	0.087	2.92
30) C	Chloroform	0.834	0.869	0.815	0.778	0.807	0.805	0.818	3.78#
31) T	Cyclohexane	1.430	0.793	0.610	0.583	0.565	0.548	0.755	45.36
32) T	1,1,1-Trichloroet	0.752	0.795	0.761	0.746	0.779	0.774	0.768	2.39
33) S	1,2-Dichloroethan		0.520	0.478	0.467	0.466	0.459	0.478	5.12
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.314	0.299	0.309	0.315	0.317	0.311	2.29
36) T	1,1-Dichloroprope	0.442	0.425	0.387	0.387	0.395	0.393	0.405	5.73
37) T	Ethyl Acetate	0.179	0.221	0.213	0.210	0.214	0.211	0.208	7.00
38) T	Carbon Tetrachlor	0.431	0.477	0.454	0.469	0.492	0.493	0.469	5.05
39) T	Methylcyclohexane	0.476	0.499	0.486	0.515	0.508	0.499	0.497	2.88
40) TM	Benzene	1.094	1.224	1.171	1.159	1.194	1.164	1.168	3.71
41) T	Methacrylonitrile	0.096	0.102	0.092	0.100	0.111	0.100	0.100	6.36
42) TM	1,2-Dichloroethan	0.352	0.426	0.385	0.375	0.384	0.375	0.383	6.30
43) T	Isopropyl Acetate	0.732	0.482	0.420	0.405	0.417	0.410	0.478	26.75
44) TM	Trichloroethene	0.316	0.370	0.353	0.358	0.369	0.367	0.355	5.81
45) C	1,2-Dichloropropa	0.265	0.298	0.275	0.270	0.272	0.266	0.275	4.42#
46) T	Dibromomethane	0.196	0.216	0.207	0.210	0.218	0.217	0.211	4.03
47) T	Bromodichlorometh	0.370	0.431	0.417	0.420	0.444	0.444	0.421	6.50
48) T	Methyl methacryla	0.164	0.192	0.185	0.186	0.194	0.190	0.185	5.88
49) T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.004	0.004	0.003	20.94
50) S	Toluene-d8		1.145	1.121	1.152	1.188	1.187	1.159	2.48
51) T	4-Methyl-2-Pentan	0.190	0.216	0.224	0.218	0.224	0.222	0.216	6.10
52) CM	Toluene	0.681	0.785	0.777	0.798	0.834	0.830	0.784	7.09#

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Compound		1	5	20	50	100	150	Avg	%RSD

53) T	t-1,3-Dichloropro	0.348	0.412	0.413	0.432	0.464	0.462	0.422	10.13
54) T	cis-1,3-Dichlorop	0.401	0.472	0.462	0.468	0.491	0.485	0.463	6.98
55) T	1,1,2-Trichloroet	0.280	0.288	0.292	0.297	0.308	0.305	0.295	3.51
56) T	Ethyl methacrylat	0.284	0.330	0.353	0.358	0.380	0.379	0.347	10.36
57) T	1,3-Dichloropropa	0.442	0.471	0.457	0.451	0.468	0.461	0.458	2.35
58) T	2-Chloroethyl Vin	0.130	0.147	0.148	0.156	0.162	0.164	0.151	8.44
59) T	2-Hexanone	0.128	0.157	0.154	0.155	0.160	0.156	0.152	7.82
60) T	Dibromochlorometh	0.272	0.325	0.341	0.363	0.396	0.404	0.350	13.94
61) T	1,2-Dibromoethane	0.242	0.292	0.305	0.311	0.338	0.335	0.304	11.52
62) S	4-Bromofluorobenz		0.361	0.371	0.407	0.430	0.430	0.400	8.07
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.390	0.416	0.379	0.373	0.374	0.370	0.383	4.52
65) PM	Chlorobenzene	1.008	1.012	0.986	0.998	1.031	1.032	1.011	1.79
66) T	1,1,1,2-Tetrachlo	0.381	0.369	0.378	0.380	0.402	0.402	0.385	3.50
67) C	Ethyl Benzene	1.596	1.673	1.677	1.680	1.716	1.702	1.674	2.49#
68) T	m/p-Xylenes	0.611	0.666	0.670	0.688	0.717	0.705	0.676	5.54
69) T	o-Xylene	0.586	0.644	0.659	0.667	0.696	0.690	0.657	6.07
70) T	Styrene	0.817	0.939	0.995	1.056	1.135	1.137	1.013	12.20
71) P	Bromoform	0.219	0.237	0.247	0.266	0.312	0.325	0.268	15.80
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.476	4.559	3.847	3.499	3.407	3.328	3.853	14.16
74) T	N-amyl acetate	0.718	0.848	0.797	0.738	0.747	0.736	0.764	6.39
75) P	1,1,2,2-Tetrachlo	1.002	0.977	0.859	0.756	0.754	0.729	0.846	14.18
76) T	1,2,3-Trichloropr	0.969	0.810	0.687	0.591	0.584	0.628	0.712	21.25
77) T	Bromobenzene	1.085	1.066	0.930	0.877	0.903	0.903	0.961	9.43
78) T	n-propylbenzene	4.345	4.547	4.079	3.867	3.743	3.626	4.035	8.87
79) T	2-Chlorotoluene	2.890	2.817	2.388	2.224	2.162	2.102	2.430	14.08
80) T	1,3,5-Trimethylbe	3.446	3.574	3.150	2.956	2.898	2.812	3.139	9.90
81) T	trans-1,4-Dichlor	0.189	0.233	0.215	0.213	0.225	0.227	0.217	7.25
82) T	4-Chlorotoluene	2.365	2.643	2.340	2.268	2.224	2.173	2.335	7.14
83) T	tert-Butylbenzene	3.342	3.389	2.865	2.675	2.641	2.559	2.912	12.57
84) T	1,2,4-Trimethylbe	3.231	3.532	3.198	2.991	2.934	2.869	3.126	7.86
85) T	sec-Butylbenzene	4.122	4.318	3.747	3.602	3.459	3.384	3.772	9.91
86) T	p-Isopropyltoluen	3.362	3.640	3.275	3.255	3.219	3.153	3.317	5.19
87) T	1,3-Dichlorobenze	1.598	1.687	1.614	1.616	1.669	1.674	1.643	2.31
88) T	1,4-Dichlorobenze	1.500	1.661	1.578	1.566	1.630	1.620	1.592	3.59
89) T	n-Butylbenzene	2.110	2.521	2.504	2.600	2.545	2.517	2.466	7.20
90) T	Hexachloroethane	0.666	0.689	0.566	0.562	0.565	0.564	0.602	9.78
91) T	1,2-Dichlorobenze	1.495	1.679	1.597	1.558	1.605	1.591	1.588	3.79
92) T	1,2-Dibromo-3-Chl	0.119	0.137	0.127	0.122	0.122	0.121	0.125	5.34
93) T	1,2,4-Trichlorobe	0.419	0.511	0.669	0.776	0.848	0.901	0.687	27.81
94) T	Hexachlorobutadie	0.533	0.580	0.509	0.502	0.482	0.473	0.513	7.55
95) T	Naphthalene	1.074	1.084	1.407	1.632	1.871	2.012	1.513	26.10
96) T	1,2,3-Trichlorobe	0.474	0.566	0.709	0.762	0.816	0.863	0.698	21.50

(#) = Out of Range