

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N061618W.M
 Title : SW846 8260
 Last Update : Sat Jun 16 01:02:01 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN049260.D 5 =VN049261.D 20 =VN049262.D
 50 =VN049263.D 100 =VN049264.D 150 =VN049265.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.686	0.675	0.550	0.520	0.512	0.509	0.575	14.37
3) P	Chloromethane	0.939	0.890	0.691	0.654	0.647	0.638	0.743	18.17
4) C	Vinyl Chloride	0.976	0.925	0.733	0.706	0.699	0.699	0.790	15.94#
5) T	Bromomethane	0.527	0.447	0.367	0.370	0.386	0.395	0.415	14.87
6) T	Chloroethane	0.528	0.556	0.453	0.436	0.429	0.425	0.471	12.02
7) T	Trichlorofluorome	1.169	1.145	0.949	0.892	0.884	0.873	0.985	13.79
8) T	Diethyl Ether	0.363	0.391	0.330	0.322	0.327	0.330	0.344	7.96
9) T	1,1,2-Trichlorotr	0.713	0.735	0.600	0.575	0.566	0.561	0.625	12.50
10) T	Methyl Iodide		0.548	0.610	0.656	0.715	0.724	0.651	11.31
11) T	Tert butyl alcoho		0.048	0.036	0.035	0.037	0.039	0.039	14.18
12) CM	1,1-Dichloroethen	0.666	0.650	0.548	0.523	0.523	0.530	0.573	11.58#
13) T	Acrolein		0.032	0.044	0.042	0.042	0.044	0.041	12.79
14) T	Allyl chloride	0.914	1.001	0.853	0.861	0.895	0.908	0.905	5.86
15) T	Acrylonitrile	0.192	0.218	0.187	0.186	0.191	0.194	0.195	6.12
16) T	Acetone	0.201	0.187	0.152	0.145	0.140	0.142	0.161	16.15
17) T	Carbon Disulfide	2.287	2.049	1.627	1.595	1.599	1.624	1.797	16.55
18) T	Methyl Acetate	0.615	0.534	0.467	0.440	0.443	0.446	0.491	14.37
19) T	Methyl tert-butyl	1.417	1.553	1.403	1.423	1.478	1.496	1.462	3.96
20) T	Methylene Chlorid	0.807	0.781	0.639	0.607	0.604	0.598	0.673	14.19
21) T	trans-1,2-Dichlor	0.685	0.684	0.575	0.563	0.566	0.570	0.607	9.89
22) T	Diisopropyl ether	1.708	1.965	1.779	1.752	1.816	1.827	1.808	4.90
23) T	Vinyl Acetate	1.066	1.220	1.132	1.176	1.239	1.238	1.178	5.85
24) P	1,1-Dichloroethan	1.273	1.351	1.109	1.068	1.069	1.073	1.157	10.68
25) T	2-Butanone	0.223	0.239	0.206	0.204	0.211	0.215	0.216	6.02
26) T	2,2-Dichloropropa	0.992	1.085	0.904	0.872	0.882	0.872	0.934	9.25
27) T	cis-1,2-Dichloroe	0.707	0.750	0.645	0.638	0.655	0.654	0.675	6.54
28) T	Bromochloromethan	0.523	0.544	0.506	0.510	0.494	0.501	0.513	3.55
29) T	Tetrahydrofuran	0.140	0.150	0.133	0.134	0.138	0.141	0.139	4.51
30) C	Chloroform	1.288	1.320	1.109	1.068	1.066	1.059	1.151	10.39#
31) T	Cyclohexane	1.738	1.186	0.963	0.949	0.980	0.982	1.133	27.27
32) T	1,1,1-Trichloroet	1.045	1.128	0.956	0.914	0.925	0.925	0.982	8.76
33) S	1,2-Dichloroethan		0.742	0.666	0.648	0.626	0.633	0.663	7.06
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.434	0.400	0.403	0.398	0.388	0.405	4.24
36) T	1,1-Dichloroprope	0.553	0.606	0.560	0.562	0.587	0.571	0.573	3.45
37) T	Ethyl Acetate	0.249	0.333	0.317	0.318	0.330	0.324	0.312	10.10
38) T	Carbon Tetrachlor	0.610	0.655	0.580	0.568	0.580	0.566	0.593	5.78
39) T	Methylcyclohexane	0.588	0.625	0.586	0.604	0.647	0.641	0.615	4.30
40) TM	Benzene	1.783	1.929	1.720	1.685	1.739	1.685	1.757	5.25
41) T	Methacrylonitrile	0.127	0.146	0.179	0.175	0.189	0.194	0.168	15.57
42) TM	1,2-Dichloroethan	0.572	0.602	0.526	0.515	0.529	0.512	0.543	6.68
43) T	Isopropyl Acetate	0.571	0.649	0.567	0.570	0.614	0.601	0.595	5.45
44) TM	Trichloroethene	0.452	0.520	0.455	0.449	0.460	0.448	0.464	6.01
45) C	1,2-Dichloropropa	0.460	0.510	0.453	0.442	0.454	0.441	0.460	5.60#
46) T	Dibromomethane	0.272	0.294	0.261	0.256	0.263	0.255	0.267	5.44
47) T	Bromodichlorometh	0.596	0.636	0.569	0.564	0.584	0.567	0.586	4.66
48) T	Methyl methacryla	0.229	0.285	0.275	0.288	0.301	0.304	0.280	9.72
49) T	1,4-Dioxane	0.004	0.004	0.004	0.004	0.004	0.004	0.004	4.94
50) S	Toluene-d8		1.536	1.517	1.557	1.561	1.531	1.540	1.18
51) T	4-Methyl-2-Pentan	0.287	0.316	0.306	0.309	0.330	0.325	0.312	4.89
52) CM	Toluene	0.877	1.096	1.039	1.039	1.086	1.050	1.031	7.70#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.483	0.563	0.539	0.556	0.613	0.609	0.561	8.59
54) T	cis-1,3-Dichlorop	0.602	0.679	0.639	0.657	0.704	0.692	0.662	5.72
55) T	1,1,2-Trichloroet	0.395	0.422	0.381	0.365	0.376	0.367	0.384	5.53
56) T	Ethyl methacrylat	0.359	0.414	0.426	0.454	0.507	0.501	0.443	12.69
57) T	1,3-Dichloropropa	0.587	0.700	0.628	0.619	0.652	0.635	0.637	5.93
58) T	2-Chloroethyl Vin	0.087	0.124	0.125	0.145	0.168	0.165	0.136	22.25
59) T	2-Hexanone	0.180	0.203	0.192	0.200	0.217	0.215	0.201	7.04
60) T	Dibromochlorometh	0.401	0.454	0.417	0.420	0.447	0.435	0.429	4.69
61) T	1,2-Dibromoethane	0.342	0.379	0.345	0.345	0.370	0.364	0.357	4.33
62) S	4-Bromofluorobenz		0.462	0.479	0.520	0.547	0.538	0.509	7.34
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.568	0.590	0.514	0.478	0.468	0.455	0.512	10.90
65) PM	Chlorobenzene	1.347	1.428	1.246	1.216	1.247	1.245	1.288	6.37
66) T	1,1,1,2-Tetrachlo	0.537	0.526	0.471	0.455	0.462	0.458	0.485	7.58
67) C	Ethyl Benzene	2.018	2.187	2.092	2.129	2.224	2.170	2.136	3.47#
68) T	m/p-Xylenes	0.692	0.815	0.809	0.814	0.846	0.834	0.802	6.91
69) T	o-Xylene	0.644	0.804	0.773	0.789	0.819	0.805	0.772	8.37
70) T	Stvrene	0.937	1.161	1.224	1.288	1.358	1.342	1.218	12.81
71) P	Bromoform	0.302	0.332	0.302	0.304	0.322	0.321	0.314	4.06
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.879	5.055	4.322	4.063	4.067	3.954	4.390	10.62
74) T	N-amyl acetate	1.242	1.096	0.970	0.996	1.079	1.070	1.075	8.88
75) P	1,1,2,2-Tetrachlo	1.548	1.366	1.013	0.891	0.895	0.871	1.097	26.32
76) T	1,2,3-Trichloropr	1.022	0.975	0.882	0.789	0.798	0.653	0.853	15.85
77) T	Bromobenzene	1.501	1.353	1.073	1.012	1.018	1.001	1.160	18.41
78) T	n-propylbenzene	5.077	5.334	4.806	4.677	4.716	4.313	4.820	7.30
79) T	2-Chlorotoluene	3.484	3.554	2.983	2.775	2.789	2.741	3.054	12.12
80) T	1,3,5-Trimethylbe	3.258	3.905	3.544	3.346	3.361	3.290	3.451	7.07
81) T	trans-1,4-Dichlor	0.309	0.288	0.250	0.244	0.266	0.262	0.270	9.03
82) T	4-Chlorotoluene	3.042	3.313	2.921	2.773	2.842	2.789	2.947	6.95
83) T	tert-Butylbenzene	3.413	3.477	2.965	2.814	2.866	2.807	3.057	10.03
84) T	1,2,4-Trimethylbe	3.098	3.762	3.568	3.359	3.424	3.355	3.428	6.52
85) T	sec-Butylbenzene	4.524	4.477	3.960	3.803	3.863	3.787	4.069	8.35
86) T	p-Isopropyltoluen	3.515	3.500	3.329	3.291	3.410	3.351	3.399	2.71
87) T	1,3-Dichlorobenze	2.080	2.134	1.832	1.757	1.841	1.802	1.908	8.29
88) T	1,4-Dichlorobenze	2.295	2.034	1.754	1.724	1.787	1.752	1.891	12.07
89) T	n-Butylbenzene	2.773	2.446	2.401	2.625	2.849	2.838	2.655	7.41
90) T	Hexachloroethane	1.151	0.889	0.689	0.636	0.643	0.625	0.772	27.22
91) T	1,2-Dichlorobenze	2.160	2.079	1.814	1.732	1.752	1.689	1.871	10.61
92) T	1,2-Dibromo-3-Chl	0.194	0.171	0.140	0.134	0.140	0.138	0.153	15.78
93) T	1,2,4-Trichlorobe	1.038	0.523	0.573	0.731	0.901	0.934	0.784	26.54
94) T	Hexachlorobutadie	2.013	0.794	0.577	0.548	0.542	0.523	0.833	70.44
95) T	Naphthalene	1.951	1.110	1.097	1.412	1.835	1.966	1.562	26.11
96) T	1,2,3-Trichlorobe	1.210	0.632	0.627	0.742	0.874	0.890	0.829	26.33

(#) = Out of Range