

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N071718W.M
 Title : SW846 8260
 Last Update : Tue Jul 17 13:20:18 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN049838.D 5 =VN049839.D 20 =VN049840.D
 50 =VN049841.D 100 =VN049842.D 150 =VN049843.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.714	0.671	0.483	0.453	0.369	0.400	0.515	27.88
3) P	Chloromethane	0.860	0.830	0.650	0.603	0.501	0.532	0.663	22.79
4) C	Vinyl Chloride	0.899	0.859	0.724	0.672	0.548	0.589	0.715	19.81#
5) T	Bromomethane	0.685	0.524	0.405	0.397	0.336	0.366	0.452	28.93
6) T	Chloroethane	0.580	0.550	0.458	0.426	0.344	0.366	0.454	21.03
7) T	Trichlorofluorome	1.257	1.161	0.975	0.895	0.714	0.769	0.962	22.30
8) T	Diethyl Ether	0.451	0.372	0.340	0.326	0.270	0.303	0.344	18.37
9) T	1,1,2-Trichlorotr	0.762	0.672	0.588	0.538	0.430	0.473	0.577	21.52
10) T	Methyl Iodide		0.748	0.772	0.785	0.629	0.676	0.722	9.26
11) T	Tert butyl alcoho		0.056	0.053	0.054	0.048	0.054	0.053	5.84
12) CM	1,1-Dichloroethen	0.658	0.594	0.525	0.501	0.403	0.449	0.522	17.95#
13) T	Acrolein		0.025	0.045	0.045	0.043	0.047	0.041	21.64
14) T	Allyl chloride	0.979	0.892	0.832	0.815	0.682	0.770	0.828	12.28
15) T	Acrylonitrile	0.221	0.249	0.232	0.230	0.195	0.216	0.224	8.08
16) T	Acetone	0.253	0.202	0.182	0.172	0.143	0.168	0.187	20.36
17) T	Carbon Disulfide	2.152	1.801	1.562	1.482	1.202	1.326	1.588	21.68
18) T	Methyl Acetate	1.251	0.732	0.614	0.578	0.478	0.535	0.698	40.68
19) T	Methyl tert-butyl	1.469	1.518	1.525	1.524	1.276	1.428	1.457	6.64
20) T	Methylene Chlorid	0.884	0.758	0.636	0.584	0.476	0.517	0.642	23.98
21) T	trans-1,2-Dichlor	0.629	0.630	0.568	0.545	0.441	0.494	0.551	13.57
22) T	Diisopropyl ether	1.566	1.775	1.791	1.748	1.447	1.606	1.655	8.33
23) T	Vinyl Acetate	1.148	1.246	1.284	1.305	1.102	1.220	1.218	6.47
24) P	1,1-Dichloroethan	1.266	1.230	1.098	1.025	0.831	0.917	1.061	16.16
25) T	2-Butanone	0.292	0.295	0.279	0.278	0.239	0.271	0.276	7.25
26) T	2,2-Dichloropropa	0.955	0.916	0.843	0.789	0.637	0.707	0.808	15.11
27) T	cis-1,2-Dichloroe	0.707	0.667	0.635	0.623	0.507	0.569	0.618	11.54
28) T	Bromochloromethan	0.519	0.513	0.533	0.511	0.494	0.385	0.493	11.01
29) T	Tetrahydrofuran	0.183	0.170	0.184	0.183	0.157	0.175	0.175	6.10
30) C	Chloroform	1.318	1.271	1.122	1.064	0.857	0.939	1.095	16.50#
31) T	Cyclohexane	1.707	1.037	0.901	0.878	0.720	0.810	1.009	35.47
32) T	1,1,1-Trichloroet	1.070	1.071	0.966	0.918	0.741	0.817	0.930	14.37
33) S	1,2-Dichloroethan		0.752	0.689	0.693	0.683	0.533	0.670	12.18
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.413	0.410	0.417	0.414	0.328	0.397	9.68
36) T	1,1-Dichloroprope	0.592	0.552	0.547	0.541	0.448	0.494	0.529	9.56
37) T	Ethyl Acetate	0.369	0.435	0.408	0.417	0.350	0.388	0.395	7.98
38) T	Carbon Tetrachlor	0.645	0.619	0.574	0.553	0.452	0.501	0.557	12.96
39) T	Methylcyclohexane	0.578	0.535	0.545	0.576	0.486	0.549	0.545	6.19
40) TM	Benzene	1.731	1.725	1.692	1.642	1.347	1.485	1.604	9.67
41) T	Methacrylonitrile	0.186	0.194	0.222	0.225	0.191	0.197	0.203	8.33
42) TM	1,2-Dichloroethan	0.651	0.590	0.564	0.543	0.444	0.481	0.545	13.70
43) T	Isopropyl Acetate	0.590	0.719	0.718	0.706	0.613	0.682	0.671	8.43
44) TM	Trichloroethene	0.472	0.468	0.435	0.425	0.347	0.385	0.422	11.48
45) C	1,2-Dichloropropa	0.478	0.466	0.444	0.430	0.355	0.390	0.427	10.98#
46) T	Dibromomethane	0.295	0.306	0.285	0.276	0.226	0.249	0.273	10.99
47) T	Bromodichlorometh	0.593	0.598	0.589	0.566	0.462	0.516	0.554	9.82
48) T	Methyl methacryla	0.312	0.322	0.345	0.352	0.315	0.351	0.333	5.58
49) T	1,4-Dioxane	0.005	0.005	0.005	0.005	0.005	0.005	0.005	4.42
50) S	Toluene-d8		1.433	1.475	1.559	1.578	1.236	1.456	9.38
51) T	4-Methyl-2-Pentan	0.341	0.398	0.421	0.432	0.372	0.406	0.395	8.48
52) CM	Toluene	0.890	1.025	1.030	1.033	0.853	0.935	0.961	8.22#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.481	0.550	0.562	0.583	0.504	0.565	0.541	7.31
54) T	cis-1,3-Dichlorop	0.571	0.624	0.642	0.651	0.544	0.609	0.607	6.85
55) T	1,1,2-Trichloroet	0.448	0.423	0.407	0.399	0.328	0.361	0.394	10.98
56) T	Ethyl methacrylat	0.369	0.444	0.494	0.543	0.480	0.537	0.478	13.59
57) T	1,3-Dichloropropa	0.684	0.673	0.663	0.660	0.550	0.604	0.639	8.09
58) T	2-Chloroethyl Vin	0.159	0.202	0.245	0.264	0.216	0.267	0.225	18.46
59) T	2-Hexanone	0.220	0.261	0.284	0.302	0.266	0.291	0.271	10.81
60) T	Dibromochlorometh	0.460	0.457	0.464	0.451	0.384	0.419	0.439	7.13
61) T	1,2-Dibromoethane	0.392	0.417	0.402	0.401	0.336	0.372	0.387	7.48
62) S	4-Bromofluorobenz		0.436	0.471	0.528	0.561	0.442	0.488	11.28
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.507	0.461	0.441	0.419	0.340	0.384	0.425	13.85
65) PM	Chlorobenzene	1.352	1.282	1.208	1.202	0.988	1.081	1.185	11.19
66) T	1,1,1,2-Tetrachlo	0.515	0.499	0.475	0.456	0.376	0.410	0.455	11.71
67) C	Ethyl Benzene	1.824	1.890	1.995	2.076	1.737	1.911	1.906	6.30#
68) T	m/p-Xylenes	0.649	0.713	0.788	0.799	0.664	0.725	0.723	8.52
69) T	o-Xylene	0.593	0.690	0.738	0.766	0.645	0.705	0.689	9.14
70) T	Styrene	0.908	1.036	1.224	1.272	1.083	1.182	1.118	12.08
71) P	Bromoform	0.367	0.365	0.358	0.365	0.311	0.337	0.351	6.31
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.825	3.805	3.855	3.762	3.072	3.404	3.621	8.72
74) T	N-amyl acetate	1.245	1.207	1.207	1.251	1.081	1.187	1.196	5.13
75) P	1,1,2,2-Tetrachlo	1.459	1.367	1.193	1.099	0.899	0.951	1.161	19.22
76) T	1,2,3-Trichloropr	1.261	1.102	0.958	0.892	0.795	0.861	0.978	17.74
77) T	Bromobenzene	1.152	1.093	1.025	0.981	0.816	0.889	0.992	12.64
78) T	n-propylbenzene	4.115	4.165	4.386	4.315	3.554	3.909	4.074	7.48
79) T	2-Chlorotoluene	2.682	2.712	2.692	2.587	2.114	2.305	2.515	9.87
80) T	1,3,5-Trimethylbe	2.627	2.924	3.169	3.049	2.512	2.742	2.837	8.94
81) T	trans-1,4-Dichlor	0.287	0.304	0.307	0.316	0.272	0.308	0.299	5.42
82) T	4-Chlorotoluene	2.517	2.576	2.706	2.597	2.150	2.365	2.485	7.99
83) T	tert-Butylbenzene	2.378	2.644	2.682	2.650	2.178	2.389	2.487	8.17
84) T	1,2,4-Trimethylbe	2.581	2.997	3.232	3.153	2.578	2.818	2.893	9.73
85) T	sec-Butylbenzene	3.190	3.523	3.655	3.541	2.932	3.232	3.346	8.18
86) T	p-Isopropyltoluen	2.511	2.820	3.132	3.079	2.579	2.851	2.829	8.92
87) T	1,3-Dichlorobenze	1.854	1.881	1.761	1.717	1.449	1.574	1.706	9.77
88) T	1,4-Dichlorobenze	1.861	1.864	1.705	1.679	1.412	1.534	1.676	10.69
89) T	n-Butylbenzene	2.125	2.280	2.405	2.518	2.172	2.419	2.320	6.62
90) T	Hexachloroethane	0.846	0.715	0.621	0.594	0.493	0.543	0.635	20.08
91) T	1,2-Dichlorobenze	2.082	1.901	1.798	1.708	1.416	1.504	1.735	14.31
92) T	1,2-Dibromo-3-Chl	0.268	0.225	0.184	0.181	0.148	0.161	0.195	22.85
93) T	1,2,4-Trichlorobe	0.627	0.649	0.821	0.882	0.773	0.883	0.772	14.53
94) T	Hexachlorobutadie	0.676	0.630	0.544	0.517	0.425	0.459	0.542	17.87
95) T	Naphthalene	1.334	1.386	1.874	2.166	1.988	2.314	1.844	21.90
96) T	1,2,3-Trichlorobe	0.763	0.734	0.867	0.893	0.771	0.873	0.817	8.37

(#) = Out of Range