

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N072120W.M
 Title : SW846 8260
 Last Update : Tue Jul 21 18:48:59 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN062565.D 5 =VN062566.D 20 =VN062567.D
 50 =VN062568.D 100 =VN062569.D 150 =VN062570.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.632	0.630	0.587	0.566	0.579	0.583	0.596	4.68
3) P	Chloromethane	0.871	0.823	0.777	0.762	0.789	0.832	0.809	5.00
4) C	Vinyl Chloride	0.691	0.744	0.711	0.685	0.678	0.699	0.701	3.41#
5) T	Bromomethane		0.338	0.310	0.294	0.303	0.309	0.311	5.26
6) T	Chloroethane	0.288	0.343	0.320	0.318	0.324	0.311	0.317	5.69
7) T	Trichlorofluorome	0.828	0.869	0.839	0.826	0.781	0.796	0.823	3.79
8) T	Diethyl Ether	0.340	0.399	0.393	0.387	0.394	0.397	0.385	5.84
9) T	1,1,2-Trichlorotr	0.462	0.594	0.551	0.512	0.524	0.525	0.528	8.30
10) T	Methyl Iodide		0.567	0.660	0.682	0.715	0.751	0.675	10.33
11) T	Tert butyl alcoho		0.129	0.123	0.120	0.122	0.124	0.124	2.84
12) CM	1,1-Dichloroethen	0.490	0.578	0.540	0.526	0.534	0.544	0.535	5.33#
13) T	Acrolein		0.089	0.119	0.131	0.131	0.132	0.120	15.16
14) T	Allyl chloride	1.047	1.180	1.169	1.161	1.187	1.205	1.158	4.87
15) T	Acrylonitrile	0.280	0.331	0.338	0.342	0.346	0.349	0.331	7.77
16) T	Acetone	0.313	0.301	0.289	0.285	0.287	0.279	0.292	4.20
17) T	Carbon Disulfide	1.810	1.868	1.731	1.667	1.719	1.759	1.759	4.03
18) T	Methyl Acetate	0.749	0.754	0.717	0.728	0.749	0.743	0.740	1.96
19) T	Methyl tert-butyl	1.796	1.992	1.988	1.998	2.018	2.031	1.970	4.42
20) T	Methylene Chlorid	0.780	0.763	0.676	0.662	0.659	0.667	0.701	7.86
21) T	trans-1,2-Dichlor	0.561	0.633	0.606	0.583	0.588	0.593	0.594	4.06
22) T	Diisopropyl ether	2.040	2.364	2.411	2.331	2.339	2.328	2.302	5.74
23) T	Vinyl Acetate	1.547	1.887	1.965	1.982	1.990	1.946	1.886	9.03
24) P	1,1-Dichloroethan	1.133	1.307	1.280	1.228	1.239	1.250	1.240	4.83
25) T	2-Butanone	0.376	0.441	0.464	0.457	0.465	0.468	0.445	7.88
26) T	2,2-Dichloropropa	1.066	1.071	1.022	0.981	0.987	0.979	1.018	4.16
27) T	cis-1,2-Dichloroe	0.629	0.718	0.688	0.672	0.679	0.682	0.678	4.27
28) T	Bromochloromethan	0.517	0.661	0.585	0.622	0.625	0.651	0.610	8.63
29) T	Tetrahydrofuran	0.253	0.302	0.317	0.311	0.314	0.310	0.301	8.08
30) C	Chloroform	1.132	1.266	1.205	1.158	1.161	1.150	1.179	4.20#
31) T	Cyclohexane		1.270	1.131	1.086	1.121	1.115	1.144	6.31
32) T	1,1,1-Trichloroet	0.880	1.047	1.011	0.976	0.997	0.995	0.984	5.73
33) S	1,2-Dichloroethan		0.814	0.745	0.764	0.750	0.810	0.777	4.27
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.332	0.316	0.329	0.320	0.345	0.328	3.41
36) T	1,1-Dichloroprope	0.480	0.554	0.544	0.533	0.537	0.549	0.533	5.04
37) T	Ethyl Acetate	0.513	0.575	0.606	0.592	0.582	0.580	0.574	5.59
38) T	Carbon Tetrachlor	0.449	0.539	0.532	0.524	0.512	0.518	0.512	6.33
39) T	Methylcyclohexane	0.511	0.562	0.576	0.581	0.603	0.609	0.574	6.15
40) TM	Benzene	1.531	1.681	1.660	1.615	1.594	1.600	1.613	3.29
41) T	Methacrylonitrile	0.243	0.244	0.198	0.239	0.286	0.267	0.246	12.00
42) TM	1,2-Dichloroethan	0.536	0.632	0.608	0.596	0.581	0.588	0.590	5.43
43) T	Isopropyl Acetate	0.756	0.924	0.951	0.971	0.967	0.988	0.926	9.28
44) TM	Trichloroethene	0.336	0.382	0.374	0.365	0.359	0.366	0.364	4.27
45) C	1,2-Dichloropropa	0.411	0.480	0.461	0.455	0.454	0.458	0.453	4.98#
46) T	Dibromomethane	0.225	0.277	0.274	0.266	0.263	0.266	0.262	7.16
47) T	Bromodichlorometh	0.530	0.577	0.581	0.570	0.568	0.578	0.567	3.36
48) T	Methyl methacryla	0.371	0.416	0.444	0.460	0.469	0.481	0.440	9.22
49) T	1,4-Dioxane	0.005	0.007	0.007	0.007	0.007	0.007	0.007	11.12
50) S	Toluene-d8		1.304	1.281	1.301	1.277	1.389	1.310	3.48
51) T	4-Methyl-2-Pentan	0.457	0.545	0.575	0.588	0.581	0.578	0.554	9.01
52) CM	Toluene	0.799	0.935	0.972	0.967	0.965	0.984	0.937	7.43#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.518	0.619	0.643	0.657	0.667	0.685	0.631	9.47
54) T	cis-1,3-Dichlorop	0.554	0.664	0.699	0.706	0.712	0.731	0.678	9.53
55) T	1,1,2-Trichloroet	0.301	0.386	0.377	0.372	0.370	0.373	0.363	8.54
56) T	Ethyl methacrylat	0.403	0.530	0.590	0.637	0.653	0.676	0.581	17.51
57) T	1,3-Dichloropropa	0.577	0.659	0.698	0.685	0.685	0.691	0.666	6.85
58) T	2-Chloroethyl Vin	0.106	0.141	0.156	0.182	0.200	0.209	0.166	23.52
59) T	2-Hexanone	0.281	0.374	0.411	0.432	0.431	0.432	0.393	15.10
60) T	Dibromochlorometh	0.319	0.419	0.425	0.425	0.419	0.426	0.405	10.45
61) T	1,2-Dibromoethane	0.331	0.385	0.384	0.389	0.384	0.397	0.378	6.22
62) S	4-Bromofluorobenz		0.435	0.447	0.482	0.490	0.542	0.479	8.76
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.317	0.341	0.339	0.317	0.317	0.319	0.325	3.62
65) PM	Chlorobenzene	0.976	1.087	1.068	1.050	1.042	1.065	1.048	3.67
66) T	1,1,1,2-Tetrachlo	0.385	0.391	0.405	0.392	0.391	0.402	0.394	1.89
67) C	Ethyl Benzene	1.684	1.918	1.956	1.958	1.992	2.023	1.922	6.35#
68) T	m/p-Xylenes	0.577	0.670	0.715	0.713	0.727	0.742	0.691	8.77
69) T	o-Xylene	0.511	0.650	0.683	0.678	0.695	0.718	0.656	11.37
70) T	Styrene	0.797	1.054	1.156	1.177	1.211	1.254	1.108	15.03
71) P	Bromoform	0.230	0.306	0.302	0.306	0.313	0.320	0.296	11.14
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.691	4.262	4.159	3.926	3.812	3.872	3.954	5.46
74) T	N-amyl acetate	1.325	1.629	1.871	1.929	1.883	1.957	1.766	13.90
75) P	1,1,2,2-Tetrachlo	1.542	1.542	1.387	1.318	1.217	1.237	1.374	10.47
76) T	1,2,3-Trichloropr	1.346	1.364	1.255	1.259	1.198	1.215	1.273	5.35
77) T	Bromobenzene	0.973	1.053	0.966	0.911	0.888	0.910	0.950	6.38
78) T	n-propylbenzene	4.379	4.690	4.841	4.662	4.559	4.655	4.631	3.31
79) T	2-Chlorotoluene	2.740	3.087	2.963	2.814	2.735	2.784	2.854	4.95
80) T	1,3,5-Trimethylbe	2.693	3.442	3.482	3.382	3.293	3.384	3.279	8.97
81) T	trans-1,4-Dichlor		0.448	0.452	0.459	0.456	0.471	0.457	1.87
82) T	4-Chlorotoluene	2.640	3.442	3.016	2.913	2.855	2.958	2.971	8.92
83) T	tert-Butylbenzene	2.411	2.747	2.824	2.791	2.756	2.811	2.723	5.73
84) T	1,2,4-Trimethylbe	2.726	3.229	3.363	3.302	3.286	3.397	3.217	7.69
85) T	sec-Butylbenzene	3.133	3.733	3.845	3.694	3.685	3.784	3.646	7.08
86) T	p-Isopropyltoluen	2.496	3.067	3.322	3.255	3.279	3.394	3.136	10.59
87) T	1,3-Dichlorobenze	1.705	1.741	1.667	1.625	1.608	1.659	1.667	2.97
88) T	1,4-Dichlorobenze	1.623	1.704	1.634	1.617	1.617	1.652	1.641	2.03
89) T	n-Butylbenzene	2.420	2.446	2.596	2.745	2.905	3.053	2.694	9.42
90) T	Hexachloroethane	0.679	0.718	0.684	0.633	0.631	0.658	0.668	4.98
91) T	1,2-Dichlorobenze	1.543	1.689	1.629	1.595	1.531	1.579	1.594	3.67
92) T	1,2-Dibromo-3-Chl	0.250	0.233	0.252	0.249	0.251	0.261	0.249	3.59
93) T	1,2,4-Trichlorobe	0.637	0.560	0.738	0.772	0.833	0.897	0.740	16.82
94) T	Hexachlorobutadie	0.637	0.472	0.448	0.439	0.414	0.435	0.474	17.28
95) T	Naphthalene	2.394	1.344	1.793	2.029	2.214	2.412	2.031	20.17
96) T	1,2,3-Trichlorobe	0.718	0.604	0.723	0.768	0.822	0.873	0.751	12.40

(#) = Out of Range