

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N022720W.M
 Title : SW846 8260
 Last Update : Thu Feb 27 13:52:50 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN060268.D 5 =VN060262.D 20 =VN060263.D
 50 =VN060264.D 100 =VN060265.D 150 =VN060266.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.465	0.516	0.440	0.448	0.437	0.446	0.458	6.47
3) P	Chloromethane	0.942	0.932	0.726	0.751	0.712	0.726	0.798	13.59
4) C	Vinyl Chloride	0.735	0.792	0.645	0.651	0.636	0.648	0.684	9.34#
5) T	Bromomethane		0.398	0.297	0.275	0.269	0.267	0.301	18.41
6) T	Chloroethane	0.389	0.437	0.346	0.349	0.346	0.358	0.371	9.77
7) T	Trichlorofluorome	0.936	0.998	0.816	0.837	0.821	0.839	0.875	8.54
8) T	Diethyl Ether	0.319	0.397	0.309	0.319	0.316	0.322	0.330	10.01
9) T	1,1,2-Trichlorotr	0.512	0.569	0.463	0.479	0.470	0.476	0.495	8.10
10) T	Methyl Iodide		0.461	0.383	0.435	0.466	0.514	0.452	10.62
11) T	Tert butyl alcoho		0.105	0.093	0.095	0.093	0.090	0.095	5.78
12) CM	1,1-Dichloroethen	0.662	0.592	0.463	0.481	0.469	0.485	0.525	15.64#
13) T	Acrolein		0.070	0.094	0.094	0.092	0.094	0.089	11.67
14) T	Allyl chloride	1.010	1.055	0.777	0.877	0.788	0.808	0.886	13.52
15) T	Acrylonitrile	0.221	0.266	0.246	0.257	0.257	0.259	0.251	6.38
16) T	Acetone	0.230	0.214	0.191	0.202	0.202	0.204	0.207	6.42
17) T	Carbon Disulfide	2.169	1.716	1.259	1.283	1.239	1.274	1.490	25.44
18) T	Methyl Acetate	0.744	0.834	0.632	0.644	0.640	0.654	0.691	11.78
19) T	Methyl tert-butyl	1.789	1.961	1.648	1.693	1.676	1.696	1.744	6.68
20) T	Methylene Chlorid	0.633	0.639	0.530	0.535	0.533	0.543	0.569	9.18
21) T	trans-1,2-Dichlor	0.857	0.671	0.507	0.512	0.505	0.518	0.595	24.12
22) T	Diisopropyl ether	1.729	2.032	1.705	1.760	1.743	1.795	1.794	6.71
23) T	Vinyl Acetate	1.361	1.556	1.376	1.443	1.409	1.408	1.426	4.93
24) P	1,1-Dichloroethan	1.008	1.169	0.960	0.989	0.971	0.996	1.016	7.59
25) T	2-Butanone	0.316	0.364	0.318	0.335	0.335	0.340	0.335	5.16
26) T	2,2-Dichloropropa	0.955	1.049	0.882	0.891	0.882	0.889	0.925	7.24
27) T	cis-1,2-Dichloroe	0.801	0.756	0.602	0.602	0.592	0.606	0.660	14.13
28) T	Bromochloromethan	0.434	0.480	0.399	0.381	0.397	0.410	0.417	8.53
29) T	Tetrahydrofuran	0.230	0.264	0.222	0.230	0.225	0.226	0.233	6.63
30) C	Chloroform	1.046	1.141	0.952	0.978	0.967	0.981	1.011	7.07#
31) T	Cyclohexane		1.274	0.865	0.870	0.842	0.857	0.942	19.78
32) T	1,1,1-Trichloroet	0.890	1.025	0.844	0.871	0.867	0.877	0.896	7.25
33) S	1,2-Dichloroethan		0.653	0.658	0.611	0.630	0.655	0.642	3.16
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.270	0.265	0.226	0.204	0.195	0.232	14.91
36) T	1,1-Dichloroprope	0.549	0.544	0.426	0.446	0.440	0.454	0.477	11.53
37) T	Ethyl Acetate	0.452	0.485	0.433	0.451	0.441	0.446	0.451	4.00
38) T	Carbon Tetrachlor	0.460	0.524	0.434	0.453	0.452	0.461	0.464	6.64
39) T	Methylcyclohexane	0.633	0.644	0.508	0.532	0.522	0.532	0.562	10.70
40) TM	Benzene	1.476	1.573	1.282	1.339	1.317	1.335	1.387	8.14
41) T	Methacrylonitrile	0.172	0.223	0.202	0.214	0.220	0.219	0.208	9.30
42) TM	1,2-Dichloroethan	0.521	0.566	0.470	0.489	0.477	0.480	0.500	7.38
43) T	Isopropyl Acetate	0.776	0.874	0.753	0.785	0.775	0.776	0.790	5.41
44) TM	Trichloroethene	0.443	0.437	0.351	0.366	0.358	0.364	0.386	10.89
45) C	1,2-Dichloropropa	0.341	0.415	0.348	0.360	0.353	0.359	0.363	7.34#
46) T	Dibromomethane	0.242	0.264	0.216	0.231	0.226	0.232	0.235	6.94
47) T	Bromodichlorometh	0.475	0.513	0.451	0.477	0.473	0.483	0.479	4.20
48) T	Methyl methacryla	0.398	0.371	0.321	0.354	0.355	0.362	0.360	6.94
49) T	1,4-Dioxane	0.006	0.006	0.005	0.005	0.005	0.005	0.005	11.43
50) S	Toluene-d8		1.213	1.170	1.105	1.169	1.216	1.175	3.81
51) T	4-Methyl-2-Pentan	0.432	0.486	0.424	0.455	0.448	0.442	0.448	4.90
52) CM	Toluene	0.918	0.972	0.798	0.848	0.837	0.854	0.871	7.22#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.646	0.650	0.531	0.562	0.558	0.572	0.586	8.45
54) T	cis-1,3-Dichlorop	0.630	0.675	0.568	0.590	0.584	0.598	0.608	6.39
55) T	1,1,2-Trichloroet	0.398	0.390	0.323	0.335	0.325	0.332	0.350	9.76
56) T	Ethyl methacrylat	0.449	0.513	0.464	0.521	0.531	0.544	0.503	7.60
57) T	1,3-Dichloropropa	0.580	0.626	0.540	0.566	0.554	0.562	0.571	5.22
58) T	2-Chloroethyl Vin	0.230	0.305	0.237	0.264	0.267	0.276	0.263	10.26
59) T	2-Hexanone	0.317	0.352	0.308	0.335	0.332	0.329	0.329	4.63
60) T	Dibromochlorometh	0.340	0.377	0.327	0.356	0.363	0.374	0.356	5.54
61) T	1,2-Dibromoethane	0.322	0.379	0.320	0.340	0.342	0.347	0.342	6.25
62) S	4-Bromofluorobenz		0.447	0.429	0.423	0.452	0.476	0.445	4.72
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.554	0.534	0.400	0.404	0.388	0.385	0.444	17.49
65) PM	Chlorobenzene	1.121	1.118	0.923	0.969	0.959	0.968	1.010	8.58
66) T	1,1,1,2-Tetrachlo	0.379	0.406	0.349	0.366	0.368	0.371	0.373	5.07
67) C	Ethyl Benzene	1.955	2.039	1.699	1.790	1.777	1.772	1.839	7.04#
68) T	m/p-Xylenes	0.753	0.768	0.638	0.665	0.667	0.671	0.694	7.68
69) T	o-Xylene	0.667	0.747	0.617	0.641	0.643	0.653	0.661	6.83
70) T	Styrene	1.090	1.133	0.986	1.077	1.106	1.132	1.088	5.00
71) P	Bromoform	0.228	0.271	0.247	0.280	0.290	0.298	0.269	10.00
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.096	4.251	3.480	3.566	3.422	3.421	3.706	9.97
74) T	N-amyl acetate	1.846	1.748	1.480	1.559	1.545	1.539	1.619	8.87
75) P	1,1,2,2-Tetrachlo	1.062	1.106	0.967	0.985	0.966	0.958	1.007	6.13
76) T	1,2,3-Trichloropr	1.205	1.283	1.048	1.061	1.039	0.947	1.097	11.23
77) T	Bromobenzene	1.050	1.005	0.838	0.863	0.840	0.854	0.908	10.30
78) T	n-propylbenzene	4.886	4.933	4.060	4.161	4.036	3.989	4.344	10.17
79) T	2-Chlorotoluene	2.889	2.913	2.379	2.419	2.360	2.362	2.554	10.57
80) T	1,3,5-Trimethylbe	3.419	3.493	2.938	3.018	2.919	2.936	3.120	8.43
81) T	trans-1,4-Dichlor		0.426	0.363	0.400	0.396	0.402	0.397	5.62
82) T	4-Chlorotoluene	3.238	2.980	2.430	2.516	2.470	2.507	2.690	12.48
83) T	tert-Butylbenzene	3.003	3.045	2.507	2.608	2.517	2.528	2.701	9.35
84) T	1,2,4-Trimethylbe	3.448	3.531	2.956	3.043	2.959	2.960	3.149	8.47
85) T	sec-Butylbenzene	3.936	4.075	3.386	3.497	3.412	3.400	3.618	8.46
86) T	p-Isopropyltoluen	3.992	3.623	3.053	3.172	3.128	3.123	3.348	11.23
87) T	1,3-Dichlorobenze	2.228	1.832	1.493	1.577	1.539	1.565	1.706	16.54
88) T	1,4-Dichlorobenze	2.216	1.805	1.517	1.555	1.543	1.547	1.697	16.24
89) T	n-Butylbenzene	3.645	3.262	2.789	2.926	2.907	2.913	3.074	10.48
90) T	Hexachloroethane	0.472	0.488	0.454	0.481	0.498	0.515	0.485	4.40
91) T	1,2-Dichlorobenze	1.904	1.732	1.469	1.515	1.462	1.470	1.592	11.57
92) T	1,2-Dibromo-3-Chl	0.274	0.234	0.215	0.219	0.212	0.214	0.228	10.53
93) T	1,2,4-Trichlorobe	1.642	1.147	0.970	1.004	0.997	1.021	1.130	22.86
94) T	Hexachlorobutadie	0.799	0.566	0.463	0.466	0.456	0.464	0.536	25.30
95) T	Naphthalene	4.337	3.396	2.885	2.992	2.964	2.972	3.258	17.16
96) T	1,2,3-Trichlorobe	1.504	1.095	0.927	0.951	0.941	0.955	1.062	21.17

(#) = Out of Range