

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N062420W.M
 Title : SW846 8260
 Last Update : Wed Jun 24 15:33:00 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN062062.D 5 =VN062057.D 20 =VN062058.D
 50 =VN062059.D 100 =VN062060.D 150 =VN062061.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.623	0.661	0.556	0.529	0.515	0.507	0.565	11.18
3) P	Chloromethane	0.896	0.881	0.707	0.671	0.654	0.654	0.744	15.33
4) C	Vinyl Chloride	1.012	1.032	0.850	0.822	0.812	0.813	0.890	11.59#
5) T	Bromomethane		0.707	0.556	0.531	0.532	0.550	0.575	12.95
6) T	Chloroethane	0.654	0.736	0.576	0.572	0.554	0.556	0.608	11.95
7) T	Trichlorofluorome	1.302	1.296	1.028	0.920	1.009	1.025	1.097	14.74
8) T	Diethyl Ether	0.398	0.457	0.355	0.353	0.363	0.372	0.383	10.33
9) T	1,1,2-Trichlorotr	0.633	0.712	0.543	0.527	0.517	0.515	0.574	14.02
10) T	Methyl Iodide		0.646	0.600	0.637	0.668	0.683	0.647	4.89
11) T	Tert butyl alcoho		0.111	0.095	0.096	0.097	0.105	0.101	6.99
12) CM	1,1-Dichloroethen	0.608	0.685	0.535	0.529	0.538	0.549	0.574	10.70#
13) T	Acrolein		0.101	0.094	0.096	0.099	0.104	0.099	3.94
14) T	Allyl chloride	0.841	0.867	0.661	0.753	0.769	0.800	0.782	9.34
15) T	Acrylonitrile	0.279	0.296	0.255	0.264	0.268	0.285	0.275	5.46
16) T	Acetone	0.336	0.286	0.232	0.223	0.209	0.222	0.251	19.72
17) T	Carbon Disulfide	2.494	1.994	1.627	1.607	1.610	1.665	1.833	19.42
18) T	Methyl Acetate	0.692	0.622	0.500	0.497	0.502	0.533	0.558	14.54
19) T	Methyl tert-butyl	1.894	1.995	1.687	1.761	1.805	1.865	1.835	5.88
20) T	Methylene Chlorid	0.867	0.824	0.646	0.634	0.629	0.649	0.708	15.17
21) T	trans-1,2-Dichlor	0.748	0.750	0.605	0.602	0.601	0.618	0.654	11.27
22) T	Diisopropyl ether	1.844	1.955	1.624	1.666	1.745	1.845	1.780	6.99
23) T	Vinyl Acetate	1.395	1.517	1.336	1.425	1.491	1.554	1.453	5.64
24) P	1,1-Dichloroethan	1.286	1.316	1.065	1.053	1.063	1.093	1.146	10.57
25) T	2-Butanone	0.349	0.368	0.320	0.332	0.335	0.354	0.343	5.10
26) T	2,2-Dichloropropa	1.003	1.117	0.902	0.901	0.902	0.906	0.955	9.32
27) T	cis-1,2-Dichloroe	0.840	0.834	0.670	0.681	0.694	0.699	0.736	10.68
28) T	Bromochloromethan	0.539	0.550	0.442	0.459	0.490	0.503	0.497	8.58
29) T	Tetrahydrofuran	0.214	0.242	0.210	0.220	0.223	0.238	0.225	5.72
30) C	Chloroform	1.326	1.343	1.073	1.082	1.078	1.095	1.166	11.20#
31) T	Cyclohexane		1.203	0.890	0.896	0.922	0.937	0.969	13.60
32) T	1,1,1-Trichloroet	1.035	1.146	0.923	0.923	0.933	0.940	0.983	9.18
33) S	1,2-Dichloroethan		0.753	0.668	0.635	0.711	0.742	0.702	7.08
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.334	0.308	0.297	0.332	0.333	0.321	5.35
36) T	1,1-Dichloroprope	0.562	0.538	0.469	0.470	0.493	0.484	0.503	7.68
37) T	Ethyl Acetate	0.487	0.405	0.361	0.402	0.418	0.424	0.416	9.92
38) T	Carbon Tetrachlor	0.512	0.530	0.449	0.446	0.457	0.448	0.474	7.91
39) T	Methylcyclohexane	0.611	0.536	0.498	0.528	0.569	0.562	0.551	7.08
40) TM	Benzene	1.672	1.706	1.420	1.447	1.485	1.461	1.532	8.09
41) T	Methacrylonitrile	0.218	0.192	0.186	0.176	0.188	0.197	0.193	7.38
42) TM	1,2-Dichloroethan	0.540	0.587	0.497	0.492	0.496	0.494	0.518	7.43
43) T	Isopropyl Acetate	0.666	0.700	0.617	0.654	0.708	0.725	0.678	5.95
44) TM	Trichloroethene	0.427	0.439	0.368	0.356	0.368	0.359	0.386	9.52
45) C	1,2-Dichloropropa	0.408	0.403	0.359	0.358	0.374	0.365	0.378	5.87#
46) T	Dibromomethane	0.269	0.284	0.246	0.244	0.251	0.243	0.256	6.41
47) T	Bromodichlorometh	0.533	0.562	0.483	0.503	0.516	0.508	0.517	5.23
48) T	Methyl methacryla	0.294	0.289	0.276	0.300	0.326	0.339	0.304	7.85
49) T	1,4-Dioxane	0.006	0.007	0.007	0.007	0.007	0.007	0.007	8.58
50) S	Toluene-d8		1.256	1.213	1.195	1.369	1.380	1.282	6.78
51) T	4-Methyl-2-Pentan	0.344	0.399	0.375	0.401	0.424	0.435	0.396	8.34
52) CM	Toluene	0.890	0.986	0.886	0.931	0.955	0.958	0.935	4.27#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.536	0.597	0.523	0.560	0.595	0.604	0.569	6.07
54) T	cis-1,3-Dichlorop	0.557	0.632	0.573	0.601	0.639	0.634	0.606	5.75
55) T	1,1,2-Trichloroet	0.354	0.406	0.351	0.362	0.368	0.364	0.367	5.43
56) T	Ethyl methacrylat	0.394	0.455	0.444	0.511	0.556	0.582	0.490	14.67
57) T	1,3-Dichloropropa	0.626	0.701	0.590	0.610	0.634	0.633	0.632	5.93
58) T	2-Chloroethyl Vin	0.122	0.189	0.172	0.190	0.209	0.224	0.184	19.22
59) T	2-Hexanone	0.230	0.271	0.271	0.297	0.317	0.331	0.286	12.86
60) T	Dibromochlorometh	0.379	0.416	0.360	0.381	0.400	0.397	0.389	5.02
61) T	1,2-Dibromoethane	0.380	0.397	0.359	0.368	0.382	0.380	0.378	3.43
62) S	4-Bromofluorobenz		0.387	0.397	0.406	0.475	0.501	0.433	11.88
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.393	0.391	0.327	0.316	0.316	0.308	0.342	11.50
65) PM	Chlorobenzene	1.231	1.208	1.018	1.029	1.054	1.049	1.098	8.67
66) T	1,1,1,2-Tetrachlo	0.382	0.420	0.366	0.367	0.371	0.371	0.380	5.41
67) C	Ethyl Benzene	1.818	1.890	1.750	1.846	1.921	1.901	1.854	3.43#
68) T	m/p-Xylenes	0.673	0.749	0.678	0.720	0.739	0.745	0.717	4.71
69) T	o-Xylene	0.640	0.678	0.630	0.684	0.709	0.718	0.677	5.23
70) T	Styrene	0.968	1.066	1.052	1.166	1.232	1.288	1.129	10.72
71) P	Bromoform	0.241	0.280	0.253	0.270	0.282	0.293	0.270	7.28
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.006	4.221	3.762	3.724	3.789	3.720	3.870	5.22
74) T	N-amyl acetate	1.012	1.154	1.168	1.295	1.428	1.529	1.265	15.12
75) P	1,1,2,2-Tetrachlo	1.532	1.496	1.215	1.180	1.161	1.145	1.288	13.75
76) T	1,2,3-Trichloropr	1.274	1.415	1.123	1.079	1.087	1.085	1.177	11.71
77) T	Bromobenzene	1.091	1.086	0.940	0.892	0.879	0.877	0.961	10.59
78) T	n-propylbenzene	4.662	4.666	4.217	4.329	4.423	4.266	4.427	4.43
79) T	2-Chlorotoluene	2.859	2.995	2.549	2.533	2.560	2.562	2.676	7.44
80) T	1,3,5-Trimethylbe	2.970	3.357	3.049	3.092	3.180	3.176	3.138	4.26
81) T	trans-1,4-Dichlor		0.388	0.372	0.392	0.422	0.440	0.403	6.83
82) T	4-Chlorotoluene	2.816	3.062	2.586	2.636	2.729	2.776	2.768	6.07
83) T	tert-Butylbenzene	2.763	2.868	2.577	2.603	2.654	2.647	2.685	4.09
84) T	1,2,4-Trimethylbe	2.911	3.319	3.083	3.093	3.202	3.195	3.134	4.44
85) T	sec-Butylbenzene	3.456	3.875	3.390	3.458	3.571	3.539	3.548	4.87
86) T	p-Isopropyltoluen	2.782	3.219	3.017	3.103	3.281	3.249	3.109	6.04
87) T	1,3-Dichlorobenze	1.842	1.827	1.573	1.605	1.637	1.640	1.687	6.92
88) T	1,4-Dichlorobenze	2.083	1.902	1.587	1.605	1.629	1.631	1.739	11.79
89) T	n-Butylbenzene	2.469	2.490	2.289	2.604	2.813	2.842	2.584	8.27
90) T	Hexachloroethane	0.657	0.677	0.567	0.571	0.596	0.591	0.610	7.59
91) T	1,2-Dichlorobenze	1.767	1.828	1.569	1.551	1.554	1.549	1.636	7.74
92) T	1,2-Dibromo-3-Chl	0.192	0.219	0.202	0.206	0.209	0.211	0.206	4.37
93) T	1,2,4-Trichlorobe	0.693	0.627	0.642	0.717	0.794	0.816	0.715	10.82
94) T	Hexachlorobutadie	0.349	0.357	0.290	0.287	0.295	0.285	0.310	10.71
95) T	Naphthalene	1.986	1.564	1.809	2.138	2.427	2.578	2.084	18.22
96) T	1,2,3-Trichlorobe	0.757	0.659	0.647	0.734	0.786	0.801	0.731	8.82

(#) = Out of Range