

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X081519W.M
 Title : SW846 8260
 Last Update : Fri Aug 16 04:15:26 2019
 Response Via : Initial Calibration

Calibration Files

1 =VX011563.D 5 =VX011564.D 20 =VX011565.D
 50 =VX011566.D 100 =VX011567.D 150 =VX011568.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.392	0.419	0.547	0.543	0.508	0.539	0.491	13.96
3) P	Chloromethane	0.623	0.520	0.488	0.487	0.465	0.480	0.510	11.36
4) C	Vinyl Chloride	0.457	0.460	0.459	0.464	0.456	0.471	0.461	1.27#
5) T	Bromomethane		0.209	0.221	0.203	0.199	0.200	0.207	4.33
6) T	Chloroethane	0.247	0.225	0.225	0.225	0.212	0.175	0.218	10.96
7) T	Trichlorofluorome	0.669	0.664	0.611	0.636	0.622	0.630	0.639	3.61
8) T	Diethyl Ether	0.236	0.216	0.216	0.218	0.215	0.213	0.219	3.92
9) T	1,1,2-Trichlorotr	0.487	0.462	0.431	0.432	0.409	0.426	0.441	6.42
10) T	Methyl Iodide		0.553	0.607	0.652	0.651	0.680	0.628	7.95
11) T	Tert butyl alcoho		0.107	0.111	0.115	0.113	0.123	0.114	5.44
12) CM	1,1-Dichloroethen	0.473	0.441	0.401	0.416	0.403	0.423	0.426	6.36#
13) T	Acrolein		0.052	0.033	0.032	0.033	0.038	0.038	22.00
14) T	Allyl chloride	0.739	0.683	0.692	0.716	0.708	0.718	0.709	2.81
15) T	Acrylonitrile	0.248	0.264	0.261	0.266	0.259	0.264	0.260	2.54
16) T	Acetone	0.258	0.239	0.225	0.230	0.221	0.225	0.233	5.86
17) T	Carbon Disulfide	1.039	0.995	0.943	0.998	1.003	1.050	1.005	3.79
18) T	Methyl Acetate	0.765	0.633	0.728	0.745	0.726	0.741	0.723	6.39
19) T	Methyl tert-butyl	1.372	1.346	1.401	1.412	1.385	1.415	1.388	1.90
20) T	Methylene Chlorid	0.581	0.501	0.467	0.467	0.454	0.467	0.490	9.71
21) T	trans-1,2-Dichlor	0.461	0.477	0.442	0.449	0.435	0.446	0.452	3.27
22) T	Diisopropyl ether	1.390	1.427	1.416	1.440	1.388	1.412	1.412	1.43
23) T	Vinyl Acetate	0.960	1.159	1.128	1.164	1.139	1.160	1.118	7.04
24) P	1,1-Dichloroethan	0.850	0.820	0.776	0.789	0.768	0.788	0.799	3.84
25) T	2-Butanone	0.345	0.373	0.368	0.375	0.364	0.371	0.366	2.98
26) T	2,2-Dichloropropa	0.581	0.632	0.585	0.601	0.595	0.611	0.601	3.13
27) T	cis-1,2-Dichloroe	0.551	0.548	0.505	0.523	0.511	0.523	0.527	3.57
28) T	Bromochloromethan	0.368	0.363	0.353	0.352	0.341	0.326	0.351	4.42
29) T	Tetrahydrofuran	0.242	0.233	0.238	0.247	0.238	0.243	0.240	2.03
30) C	Chloroform	0.915	0.860	0.823	0.832	0.808	0.819	0.843	4.66#
31) T	Cyclohexane		0.674	0.692	0.699	0.671	0.701	0.688	2.04
32) T	1,1,1-Trichloroet	0.705	0.711	0.717	0.741	0.724	0.750	0.725	2.40
33) S	1,2-Dichloroethan		0.575	0.465	0.428	0.424	0.426	0.464	13.92
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.398	0.333	0.303	0.301	0.300	0.327	12.86
36) T	1,1-Dichloroprope	0.401	0.434	0.431	0.433	0.425	0.440	0.427	3.22
37) T	Ethyl Acetate	0.462	0.484	0.499	0.505	0.494	0.506	0.492	3.34
38) T	Carbon Tetrachlor	0.454	0.461	0.461	0.481	0.475	0.495	0.471	3.27
39) T	Methylcyclohexane	0.533	0.515	0.524	0.535	0.514	0.547	0.528	2.40
40) TM	Benzene	1.294	1.395	1.338	1.333	1.297	1.313	1.328	2.82
41) T	Methacrylonitrile	0.230	0.263	0.283	0.283	0.277	0.288	0.271	8.05
42) TM	1,2-Dichloroethan	0.415	0.495	0.469	0.471	0.453	0.459	0.460	5.72
43) T	Isopropyl Acetate	0.746	0.734	0.758	0.781	0.778	0.807	0.767	3.45
44) TM	Trichloroethene	0.387	0.399	0.392	0.394	0.391	0.401	0.394	1.32
45) C	1,2-Dichloropropa	0.302	0.338	0.333	0.342	0.334	0.339	0.331	4.52#
46) T	Dibromomethane	0.275	0.230	0.233	0.236	0.232	0.240	0.241	7.08
47) T	Bromodichlorometh	0.436	0.407	0.435	0.455	0.452	0.468	0.442	4.86
48) T	Methyl methacryla	0.327	0.370	0.380	0.399	0.396	0.408	0.380	7.77
49) T	1,4-Dioxane	0.010	0.010	0.010	0.010	0.010	0.011	0.010	3.52
50) S	Toluene-d8		1.164	1.032	0.971	0.968	0.959	1.019	8.44
51) T	4-Methyl-2-Pentan	0.435	0.504	0.515	0.525	0.511	0.522	0.502	6.69
52) CM	Toluene	0.832	0.852	0.854	0.855	0.837	0.848	0.846	1.17#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.380	0.403	0.448	0.493	0.503	0.525	0.459	12.67
54) T	cis-1,3-Dichlorop	0.404	0.458	0.507	0.540	0.543	0.561	0.502	12.00
55) T	1,1,2-Trichloroet	0.367	0.362	0.361	0.358	0.355	0.356	0.360	1.25
56) T	Ethyl methacrylat	0.401	0.505	0.534	0.557	0.558	0.584	0.523	12.48
57) T	1,3-Dichloropropa	0.564	0.581	0.582	0.577	0.561	0.568	0.572	1.57
58) T	2-Chloroethyl Vin	0.239	0.239	0.270	0.273	0.270	0.272	0.261	6.38
59) T	2-Hexanone	0.325	0.377	0.397	0.410	0.399	0.416	0.387	8.64
60) T	Dibromochlorometh	0.287	0.335	0.376	0.411	0.410	0.429	0.375	14.52
61) T	1,2-Dibromoethane	0.363	0.389	0.382	0.392	0.387	0.393	0.384	2.88
62) S	4-Bromofluorobenz		0.497	0.424	0.399	0.412	0.419	0.430	8.93
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.424	0.422	0.400	0.410	0.400	0.406	0.410	2.56
65) PM	Chlorobenzene	1.074	1.088	1.062	1.073	1.046	1.055	1.066	1.40
66) T	1,1,1,2-Tetrachlo	0.367	0.383	0.393	0.413	0.409	0.426	0.399	5.39
67) C	Ethyl Benzene	1.661	1.832	1.791	1.807	1.787	1.800	1.780	3.38#
68) T	m/p-Xylenes	0.606	0.699	0.699	0.708	0.690	0.698	0.683	5.62
69) T	o-Xylene	0.610	0.679	0.680	0.679	0.679	0.687	0.669	4.36
70) T	Stvrene	0.945	1.100	1.143	1.183	1.184	1.204	1.127	8.56
71) P	Bromoform	0.256	0.280	0.326	0.358	0.385	0.416	0.337	18.24
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.078	3.418	3.332	3.288	3.203	3.148	3.244	3.86
74) T	N-amyl acetate	1.411	1.293	1.351	1.391	1.400	1.427	1.379	3.56
75) P	1,1,2,2-Tetrachlo	1.090	1.184	1.127	1.115	1.079	1.102	1.116	3.37
76) T	1,2,3-Trichloropr	0.927	1.000	0.966	0.967	0.921	0.908	0.948	3.71
77) T	Bromobenzene	0.958	1.023	0.968	0.968	0.938	0.937	0.965	3.26
78) T	n-propylbenzene	3.136	3.576	3.607	3.630	3.532	3.509	3.498	5.23
79) T	2-Chlorotoluene	2.013	2.235	2.216	2.205	2.119	2.102	2.148	3.98
80) T	1,3,5-Trimethylbe	2.373	2.874	2.837	2.813	2.734	2.722	2.725	6.70
81) T	trans-1,4-Dichlor		0.232	0.291	0.335	0.358	0.379	0.319	18.33
82) T	4-Chlorotoluene	2.324	2.608	2.535	2.540	2.469	2.479	2.492	3.88
83) T	tert-Butylbenzene	2.509	2.874	2.865	2.858	2.782	2.767	2.776	4.98
84) T	1,2,4-Trimethylbe	2.363	2.786	2.851	2.855	2.768	2.793	2.736	6.80
85) T	sec-Butylbenzene	2.845	3.204	3.216	3.228	3.143	3.154	3.132	4.62
86) T	p-Isopropyltoluen	2.494	2.966	3.043	3.099	3.032	3.043	2.946	7.66
87) T	1,3-Dichlorobenze	1.606	1.712	1.652	1.673	1.633	1.679	1.659	2.25
88) T	1,4-Dichlorobenze	1.664	1.737	1.689	1.676	1.647	1.676	1.682	1.80
89) T	n-Butylbenzene	2.037	2.328	2.448	2.547	2.569	2.604	2.422	8.81
90) T	Hexachloroethane	0.403	0.417	0.456	0.482	0.502	0.530	0.465	10.56
91) T	1,2-Dichlorobenze	1.621	1.707	1.677	1.674	1.637	1.678	1.666	1.87
92) T	1,2-Dibromo-3-Chl	0.245	0.260	0.247	0.255	0.258	0.268	0.255	3.37
93) T	1,2,4-Trichlorobe	1.135	1.176	1.213	1.281	1.303	1.338	1.241	6.36
94) T	Hexachlorobutadie	0.644	0.659	0.668	0.688	0.687	0.709	0.676	3.45
95) T	Naphthalene	2.858	3.309	3.560	3.751	3.755	3.816	3.508	10.51
96) T	1,2,3-Trichlorobe	1.109	1.237	1.232	1.295	1.296	1.341	1.252	6.48

(#) = Out of Range