

Method Path : Z:\VOASRV\HPCHEM1\MSV0A X\METHOD\
 Method File : 82X042820W.M
 Title : SW846 8260
 Last Update : Tue Apr 28 17:30:11 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX015961.D 5 =VX015962.D 20 =VX015963.D
 50 =VX015964.D 100 =VX015965.D 150 =VX015966.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.405	0.425	0.430	0.459	0.501	0.464	0.447	7.67
3) P	Chloromethane	0.620	0.533	0.483	0.519	0.575	0.523	0.542	8.89
4) C	Vinyl Chloride	0.621	0.615	0.579	0.614	0.665	0.601	0.616	4.60#
5) T	Bromomethane		0.480	0.416	0.416	0.396	0.359	0.413	10.64
6) T	Chloroethane	0.453	0.409	0.368	0.389	0.428	0.411	0.410	7.24
7) T	Trichlorofluorome	0.938	0.941	0.853	0.920	1.007	0.925	0.931	5.31
8) T	Diethyl Ether	0.449	0.382	0.343	0.370	0.408	0.380	0.389	9.34
9) T	1,1,2-Trichlorotr	0.502	0.467	0.421	0.448	0.492	0.453	0.464	6.45
10) T	Methyl Iodide		0.577	0.567	0.662	0.744	0.687	0.647	11.61
11) T	Tert butyl alcoho		0.163	0.141	0.153	0.174	0.162	0.159	7.66
12) CM	1,1-Dichloroethen	0.532	0.475	0.425	0.463	0.508	0.467	0.478	7.82#
13) T	Acrolein		0.045	0.033	0.037	0.042	0.043	0.040	12.85
14) T	Allyl chloride	0.868	0.848	0.791	0.858	0.943	0.868	0.863	5.67
15) T	Acrylonitrile	0.315	0.314	0.282	0.315	0.344	0.317	0.315	6.26
16) T	Acetone	0.293	0.285	0.252	0.271	0.300	0.276	0.280	6.16
17) T	Carbon Disulfide	2.236	1.485	1.281	1.350	1.484	1.357	1.532	23.09
18) T	Methyl Acetate	0.800	0.807	0.718	0.785	0.856	0.793	0.793	5.60
19) T	Methyl tert-butyl	1.682	1.729	1.594	1.724	1.900	1.752	1.730	5.79
20) T	Methylene Chlorid	0.636	0.565	0.492	0.522	0.574	0.530	0.553	9.13
21) T	trans-1,2-Dichlor	0.627	0.531	0.476	0.509	0.568	0.524	0.539	9.70
22) T	Diisopropyl ether	1.643	1.708	1.549	1.678	1.872	1.725	1.696	6.27
23) T	Vinyl Acetate	1.338	1.462	1.359	1.490	1.662	1.528	1.473	8.05
24) P	1,1-Dichloroethan	0.922	0.959	0.861	0.944	1.032	0.950	0.945	5.87
25) T	2-Butanone	0.438	0.453	0.412	0.454	0.499	0.460	0.453	6.28
26) T	2,2-Dichloropropa	0.837	0.890	0.797	0.863	0.936	0.859	0.864	5.47
27) T	cis-1,2-Dichloroe	0.666	0.616	0.543	0.594	0.651	0.602	0.612	7.13
28) T	Bromochloromethan	0.503	0.474	0.418	0.421	0.475	0.452	0.457	7.27
29) T	Tetrahydrofuran	0.303	0.293	0.268	0.294	0.325	0.299	0.297	6.22
30) C	Chloroform	0.992	1.005	0.888	0.961	1.065	0.984	0.982	5.91#
31) T	Cyclohexane		0.855	0.780	0.825	0.914	0.831	0.841	5.83
32) T	1,1,1-Trichloroet	0.901	0.916	0.819	0.895	0.988	0.908	0.904	5.95
33) S	1,2-Dichloroethan		0.689	0.610	0.621	0.689	0.659	0.654	5.67
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.319	0.287	0.301	0.331	0.321	0.312	5.52
36) T	1,1-Dichloroprope	0.555	0.477	0.414	0.459	0.492	0.460	0.476	9.78
37) T	Ethyl Acetate	0.519	0.556	0.500	0.552	0.593	0.556	0.546	5.96
38) T	Carbon Tetrachlor	0.505	0.505	0.453	0.505	0.545	0.505	0.503	5.82
39) T	Methylcyclohexane	0.579	0.555	0.495	0.549	0.585	0.542	0.551	5.84
40) TM	Benzene	1.417	1.380	1.234	1.348	1.438	1.336	1.359	5.32
41) T	Methacrylonitrile	0.306	0.278	0.258	0.292	0.323	0.297	0.292	7.65
42) TM	1,2-Dichloroethan	0.563	0.539	0.473	0.518	0.552	0.515	0.526	6.16
43) T	Isopropyl Acetate	0.905	0.898	0.809	0.912	0.982	0.920	0.904	6.16
44) TM	Trichloroethene	0.566	0.516	0.450	0.478	0.487	0.441	0.490	9.41
45) C	1,2-Dichloropropa	0.364	0.361	0.316	0.349	0.373	0.344	0.351	5.75#
46) T	Dibromomethane	0.260	0.250	0.225	0.247	0.267	0.247	0.250	5.83
47) T	Bromodichlorometh	0.476	0.490	0.448	0.504	0.548	0.510	0.496	6.83
48) T	Methyl methacryla	0.374	0.418	0.377	0.432	0.465	0.439	0.417	8.63
49) T	1,4-Dioxane	0.010	0.010	0.009	0.009	0.011	0.010	0.010	6.46
50) S	Toluene-d8		1.165	1.108	1.133	1.228	1.197	1.166	4.13
51) T	4-Methyl-2-Pentan	0.498	0.541	0.505	0.561	0.613	0.573	0.548	7.93
52) CM	Toluene	0.867	0.862	0.779	0.868	0.930	0.869	0.863	5.56#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.612	0.575	0.519	0.584	0.641	0.600	0.588	6.99
54) T	cis-1,3-Dichlorop	0.623	0.605	0.541	0.601	0.651	0.609	0.605	5.98
55) T	1,1,2-Trichloroet	0.341	0.344	0.310	0.344	0.375	0.354	0.345	6.19
56) T	Ethyl methacrylat	0.506	0.529	0.502	0.575	0.639	0.612	0.560	10.19
57) T	1,3-Dichloropropa	0.589	0.592	0.541	0.595	0.642	0.594	0.592	5.42
58) T	2-Chloroethyl Vin	0.280	0.273	0.270	0.291	0.322	0.302	0.290	6.85
59) T	2-Hexanone	0.388	0.421	0.389	0.440	0.479	0.455	0.429	8.44
60) T	Dibromochlorometh	0.347	0.372	0.338	0.394	0.440	0.424	0.386	10.67
61) T	1,2-Dibromoethane	0.363	0.365	0.337	0.380	0.413	0.384	0.374	6.81
62) S	4-Bromofluorobenz		0.451	0.416	0.438	0.490	0.492	0.457	7.28
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.644	0.620	0.546	0.584	0.621	0.544	0.593	7.08
65) PM	Chlorobenzene	1.067	1.037	0.905	1.011	1.087	1.004	1.018	6.31
66) T	1,1,1,2-Tetrachlo	0.368	0.386	0.346	0.388	0.421	0.399	0.385	6.73
67) C	Ethyl Benzene	1.870	1.828	1.653	1.802	1.939	1.789	1.814	5.26#
68) T	m/p-Xylenes	0.695	0.688	0.621	0.689	0.741	0.695	0.688	5.58
69) T	o-Xylene	0.628	0.643	0.586	0.667	0.721	0.675	0.653	6.97
70) T	Styrene	1.057	1.072	0.982	1.138	1.266	1.213	1.121	9.42
71) P	Bromoform	0.259	0.283	0.271	0.327	0.368	0.364	0.312	15.29
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.484	3.395	3.182	3.447	3.654	3.247	3.401	5.00
74) T	N-amyl acetate	1.594	1.609	1.536	1.664	1.797	1.642	1.640	5.40
75) P	1,1,2,2-Tetrachlo	0.474	0.537	0.563	0.702	0.849	0.831	0.659	24.04
76) T	1,2,3-Trichloropr	1.082	1.075	0.987	1.060	1.107	0.985	1.049	4.90
77) T	Bromobenzene	0.891	0.880	0.802	0.887	0.949	0.845	0.876	5.63
78) T	n-propylbenzene	3.955	3.925	3.606	3.972	4.229	3.791	3.913	5.29
79) T	2-Chlorotoluene	2.477	2.361	2.115	2.318	2.486	2.232	2.331	6.15
80) T	1,3,5-Trimethylbe	2.745	2.896	2.627	2.928	3.164	2.831	2.865	6.37
81) T	trans-1,4-Dichlor		0.413	0.400	0.452	0.498	0.456	0.444	8.72
82) T	4-Chlorotoluene	2.915	2.741	2.534	2.790	3.024	2.726	2.788	6.05
83) T	tert-Butylbenzene	2.372	2.472	2.277	2.515	2.740	2.446	2.471	6.32
84) T	1,2,4-Trimethylbe	2.699	2.883	2.673	2.956	3.200	2.891	2.884	6.65
85) T	sec-Butylbenzene	3.258	3.326	3.025	3.389	3.687	3.285	3.329	6.46
86) T	p-Isopropyltoluen	3.093	3.098	2.843	3.164	3.415	3.094	3.118	5.87
87) T	1,3-Dichlorobenze	1.748	1.603	1.421	1.570	1.679	1.558	1.597	7.03
88) T	1,4-Dichlorobenze	1.816	1.587	1.460	1.558	1.694	1.567	1.614	7.68
89) T	n-Butylbenzene	2.831	2.716	2.531	2.832	3.128	2.865	2.817	6.94
90) T	Hexachloroethane	0.517	0.510	0.488	0.561	0.640	0.590	0.551	10.37
91) T	1,2-Dichlorobenze	1.597	1.530	1.413	1.489	1.621	1.511	1.527	4.93
92) T	1,2-Dibromo-3-Chl	0.304	0.269	0.250	0.278	0.303	0.280	0.281	7.44
93) T	1,2,4-Trichlorobe	1.275	1.114	1.015	1.139	1.204	1.129	1.146	7.66
94) T	Hexachlorobutadie	0.571	0.510	0.464	0.492	0.537	0.498	0.512	7.30
95) T	Naphthalene	3.569	3.469	3.358	3.690	3.956	3.644	3.614	5.69
96) T	1,2,3-Trichlorobe	1.172	1.086	1.008	1.088	1.167	1.100	1.103	5.51

(#) = Out of Range