

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X070918W.M
 Title : SW846 8260
 Last Update : Mon Jul 09 15:24:16 2018
 Response Via : Initial Calibration

Calibration Files

1 =VX003239.D 5 =VX003240.D 20 =VX003241.D
 50 =VX003242.D 100 =VX003243.D 150 =VX003244.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.837	0.627	0.798	0.781	0.753	0.765	0.760	9.37
3) P	Chloromethane	0.851	0.693	0.682	0.667	0.611	0.643	0.691	12.11
4) C	Vinyl Chloride	0.813	0.678	0.697	0.693	0.674	0.701	0.709	7.35#
5) T	Bromomethane	0.474	0.260	0.255	0.214	0.222	0.257	0.281	34.56
6) T	Chloroethane	0.483	0.407	0.391	0.385	0.379	0.313	0.393	13.89
7) T	Trichlorofluorome	1.310	0.998	1.057	1.018	0.976	0.968	1.054	12.26
8) T	Diethyl Ether	0.476	0.372	0.371	0.361	0.350	0.357	0.381	12.35
9) T	1,1,2-Trichlorotr	0.782	0.596	0.600	0.592	0.565	0.569	0.617	13.24
10) T	Methyl Iodide		0.449	0.514	0.634	0.712	0.751	0.612	21.00
11) T	Tert butyl alcoho		0.144	0.154	0.142	0.132	0.141	0.143	5.61
12) CM	1,1-Dichloroethen	0.719	0.532	0.553	0.526	0.516	0.527	0.562	13.84#
13) T	Acrolein		0.128	0.117	0.113	0.107	0.110	0.115	6.94
14) T	Allyl chloride	1.265	0.975	1.058	1.001	0.964	0.981	1.041	11.04
15) T	Acrylonitrile	0.383	0.317	0.318	0.301	0.289	0.304	0.319	10.54
16) T	Acetone	0.335	0.275	0.287	0.265	0.253	0.261	0.279	10.66
17) T	Carbon Disulfide	1.951	1.451	1.509	1.486	1.453	1.519	1.561	12.34
18) T	Methyl Acetate	0.919	0.715	0.821	0.777	0.736	0.761	0.788	9.32
19) T	Methyl tert-butyl	2.291	1.863	1.842	1.791	1.725	1.749	1.877	11.17
20) T	Methylene Chlorid	0.857	0.611	0.611	0.584	0.551	0.573	0.631	17.90
21) T	trans-1,2-Dichlor	0.735	0.580	0.593	0.574	0.548	0.564	0.599	11.39
22) T	Diisopropyl ether	2.583	2.055	2.054	2.036	1.952	2.024	2.117	10.93
23) T	Vinyl Acetate	1.984	1.769	1.791	1.781	1.703	1.757	1.798	5.36
24) P	1,1-Dichloroethan	1.377	1.085	1.079	1.045	0.997	1.028	1.102	12.60
25) T	2-Butanone	0.564	0.487	0.491	0.485	0.463	0.476	0.494	7.24
26) T	2,2-Dichloropropa	1.199	0.928	0.909	0.926	0.921	0.901	0.964	12.00
27) T	cis-1,2-Dichloroe	0.879	0.717	0.688	0.719	0.713	0.702	0.736	9.63
28) T	Bromochloromethan	0.693	0.550	0.562	0.551	0.495	0.480	0.555	13.59
29) T	Tetrahydrofuran	0.379	0.320	0.314	0.311	0.298	0.302	0.321	9.22
30) C	Chloroform	1.434	1.178	1.177	1.196	1.141	1.147	1.212	9.14#
31) T	Cyclohexane	1.202	0.956	1.008	1.008	1.013	1.005	1.032	8.35
32) T	1,1,1-Trichloroet	1.204	1.013	1.054	1.045	1.045	1.055	1.069	6.33
33) S	1,2-Dichloroethan		0.881	0.798	0.774	0.739	0.743	0.787	7.36
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.613	0.539	0.517	0.519	0.498	0.537	8.34
36) T	1,1-Dichloroprope	0.857	0.671	0.672	0.688	0.681	0.677	0.708	10.40
37) T	Ethyl Acetate	0.975	0.738	0.747	0.737	0.740	0.719	0.776	12.60
38) T	Carbon Tetrachlor	0.868	0.730	0.755	0.765	0.765	0.764	0.774	6.15
39) T	Methylcyclohexane	1.002	0.767	0.787	0.809	0.819	0.819	0.834	10.20
40) TM	Benzene	2.478	2.044	2.051	2.028	2.003	1.982	2.098	8.96
41) T	Methacrylonitrile	0.472	0.418	0.416	0.418	0.411	0.414	0.425	5.48
42) TM	1,2-Dichloroethan	0.980	0.777	0.758	0.746	0.726	0.715	0.784	12.58
43) T	Isopropyl Acetate	1.400	1.148	1.165	1.191	1.197	1.210	1.218	7.52
44) TM	Trichloroethene	0.726	0.607	0.598	0.604	0.596	0.590	0.620	8.39
45) C	1,2-Dichloropropa	0.668	0.529	0.527	0.516	0.516	0.515	0.545	11.09#
46) T	Dibromomethane	0.440	0.364	0.359	0.362	0.355	0.352	0.372	9.02
47) T	Bromodichlorometh	0.742	0.643	0.661	0.685	0.689	0.695	0.686	4.93
48) T	Methyl methacryla	0.693	0.569	0.602	0.627	0.624	0.635	0.625	6.54
49) T	1,4-Dioxane	0.015	0.013	0.013	0.013	0.012	0.012	0.013	7.68
50) S	Toluene-d8		1.923	1.939	1.921	1.887	1.869	1.908	1.50
51) T	4-Methyl-2-Pentan	0.769	0.735	0.768	0.769	0.749	0.761	0.759	1.84
52) CM	Toluene	1.465	1.285	1.300	1.309	1.297	1.300	1.326	5.16#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.833	0.732	0.784	0.822	0.832	0.840	0.807	5.19
54) T	cis-1,3-Dichlorop	0.737	0.631	0.706	0.750	0.783	0.799	0.734	8.23
55) T	1,1,2-Trichloroet	0.653	0.538	0.534	0.529	0.522	0.524	0.550	9.25
56) T	Ethyl methacrylat	0.737	0.681	0.728	0.770	0.785	0.818	0.753	6.40
57) T	1,3-Dichloropropa	1.021	0.877	0.856	0.860	0.849	0.853	0.886	7.53
58) T	2-Chloroethyl Vin	0.289	0.348	0.379	0.387	0.386	0.390	0.363	10.84
59) T	2-Hexanone	0.569	0.547	0.589	0.588	0.578	0.585	0.576	2.79
60) T	Dibromochlorometh	0.583	0.509	0.546	0.588	0.601	0.620	0.574	7.01
61) T	1,2-Dibromoethane	0.634	0.566	0.560	0.565	0.564	0.570	0.576	4.88
62) S	4-Bromofluorobenz		0.658	0.698	0.719	0.717	0.733	0.705	4.10
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.911	0.776	0.744	0.724	0.703	0.676	0.756	11.02
65) PM	Chlorobenzene	2.072	1.633	1.636	1.628	1.614	1.610	1.699	10.77
66) T	1,1,1,2-Tetrachlo	0.640	0.588	0.606	0.609	0.610	0.625	0.613	2.88
67) C	Ethyl Benzene	3.016	2.609	2.675	2.734	2.722	2.729	2.747	5.09#
68) T	m/p-Xylenes	1.116	1.013	1.061	1.076	1.074	1.074	1.069	3.11
69) T	o-Xylene	1.097	0.974	1.022	1.036	1.037	1.047	1.035	3.85
70) T	Styrene	1.719	1.534	1.670	1.708	1.709	1.734	1.679	4.42
71) P	Bromoform	0.507	0.426	0.474	0.508	0.543	0.568	0.504	9.95
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.279	3.851	3.951	3.884	3.887	3.835	3.948	4.23
74) T	N-amyl acetate	2.301	1.874	1.824	1.776	1.777	1.748	1.883	11.11
75) P	1,1,2,2-Tetrachlo	1.393	1.279	1.205	1.165	1.146	1.159	1.224	7.79
76) T	1,2,3-Trichloropr	1.276	1.113	1.079	1.031	1.004	0.980	1.081	9.92
77) T	Bromobenzene	1.285	1.143	1.108	1.107	1.095	1.101	1.140	6.43
78) T	n-propylbenzene	4.519	4.283	4.391	4.414	4.398	4.329	4.389	1.83
79) T	2-Chlorotoluene	2.936	2.727	2.626	2.606	2.572	2.577	2.674	5.25
80) T	1,3,5-Trimethylbe	3.362	3.204	3.293	3.298	3.301	3.265	3.287	1.58
81) T	trans-1,4-Dichlor	0.313	0.278	0.311	0.340	0.366	0.375	0.331	11.13
82) T	4-Chlorotoluene	3.339	3.095	3.100	3.075	3.060	3.065	3.122	3.43
83) T	tert-Butylbenzene	3.452	3.146	3.253	3.271	3.277	3.303	3.284	3.02
84) T	1,2,4-Trimethylbe	3.395	3.265	3.388	3.416	3.375	3.358	3.366	1.58
85) T	sec-Butylbenzene	4.025	3.721	3.874	3.881	3.886	3.899	3.881	2.49
86) T	p-Isopropyltoluen	3.618	3.363	3.496	3.579	3.573	3.587	3.536	2.66
87) T	1,3-Dichlorobenze	2.511	2.045	1.991	1.991	1.999	2.009	2.091	9.89
88) T	1,4-Dichlorobenze	2.511	2.105	2.038	2.020	2.008	2.018	2.117	9.27
89) T	n-Butylbenzene	3.149	2.656	2.838	2.976	3.037	3.068	2.954	6.07
90) T	Hexachloroethane	0.545	0.477	0.505	0.532	0.576	0.604	0.540	8.54
91) T	1,2-Dichlorobenze	2.471	2.105	2.036	2.016	1.975	1.993	2.099	8.94
92) T	1,2-Dibromo-3-Chl	0.289	0.239	0.251	0.263	0.263	0.271	0.263	6.45
93) T	1,2,4-Trichlorobe	1.725	1.366	1.509	1.503	1.519	1.546	1.528	7.55
94) T	Hexachlorobutadie	0.893	0.710	0.748	0.735	0.736	0.743	0.761	8.70
95) T	Naphthalene	3.836	3.643	4.114	4.162	4.102	4.129	3.998	5.26
96) T	1,2,3-Trichlorobe	1.626	1.466	1.506	1.522	1.497	1.524	1.524	3.57

(#) = Out of Range