

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : 82U110218W.M
 Title : SW846 8260
 Last Update : Fri Nov 02 02:28:20 2018
 Response Via : Initial Calibration

Calibration Files

1 =VU027903.D 5 =VU027904.D 20 =VU027905.D
 50 =VU027906.D 100 =VU027907.D 150 =VU027908.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.541	0.509	0.686	0.728	0.682	0.666	0.635	13.91
3) P	Chloromethane	0.727	0.728	0.751	0.831	0.792	0.781	0.768	5.29
4) C	Vinyl Chloride	0.720	0.734	0.748	0.825	0.778	0.771	0.763	4.92#
5) T	Bromomethane	0.286	0.299	0.307	0.316	0.370	0.436	0.336	17.01
6) T	Chloroethane	0.414	0.446	0.430	0.471	0.444	0.432	0.439	4.41
7) T	Trichlorofluorome	0.809	0.865	0.895	0.957	0.890	0.872	0.881	5.45
8) T	Diethyl Ether	0.397	0.362	0.369	0.399	0.372	0.365	0.377	4.34
9) T	1,1,2-Trichlorotr	0.460	0.524	0.528	0.571	0.543	0.515	0.524	7.03
10) T	Methyl Iodide		0.151	0.295	0.451	0.515	0.548	0.392	42.45
11) T	Tert butyl alcoho		0.201	0.194	0.207	0.192	0.189	0.197	3.68
12) CM	1,1-Dichloroethen	0.540	0.502	0.510	0.555	0.533	0.504	0.524	4.11#
13) T	Acrolein		0.105	0.070	0.072	0.073	0.071	0.078	19.43
14) T	Allyl chloride	1.201	1.203	1.192	1.318	1.426	1.346	1.281	7.57
15) T	Acrylonitrile	0.431	0.492	0.476	0.533	0.490	0.479	0.483	6.77
16) T	Acetone	0.557	0.492	0.432	0.468	0.417	0.401	0.461	12.46
17) T	Carbon Disulfide	1.661	1.638	1.640	1.839	1.758	1.742	1.713	4.69
18) T	Methyl Acetate	1.454	1.294	1.184	1.308	1.206	1.167	1.269	8.50
19) T	Methyl tert-butyl	2.042	2.105	2.100	2.260	2.120	2.052	2.113	3.71
20) T	Methylene Chlorid	0.668	0.709	0.652	0.717	0.657	0.637	0.673	4.81
21) T	trans-1,2-Dichlor	0.634	0.610	0.584	0.641	0.585	0.575	0.605	4.62
22) T	Diisopropyl ether	2.478	2.680	2.632	2.842	2.660	2.573	2.644	4.59
23) T	Vinyl Acetate	1.986	2.212	2.278	2.521	2.354	2.284	2.272	7.74
24) P	1,1-Dichloroethan	1.331	1.344	1.297	1.392	1.289	1.250	1.317	3.74
25) T	2-Butanone	0.674	0.750	0.724	0.804	0.738	0.713	0.734	5.90
26) T	2,2-Dichloropropa	1.106	1.002	0.932	1.014	0.957	0.918	0.988	6.99
27) T	cis-1,2-Dichloroe	0.596	0.683	0.671	0.751	0.691	0.675	0.678	7.31
28) T	Bromochloromethan	0.526	0.696	0.659	0.625	0.618	0.581	0.617	9.67
29) T	Tetrahydrofuran	0.497	0.486	0.483	0.525	0.482	0.466	0.490	4.04
30) C	Chloroform	1.248	1.220	1.195	1.265	1.183	1.135	1.208	3.90#
31) T	Cyclohexane	2.585	1.493	1.317	1.346	1.292	1.249	1.547	33.31
32) T	1,1,1-Trichloroet	0.818	0.988	0.971	1.046	0.985	0.959	0.961	7.94
33) S	1,2-Dichloroethan		0.793	0.722	0.743	0.742	0.717	0.743	4.03
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.330	0.300	0.312	0.318	0.316	0.315	3.37
36) T	1,1-Dichloroprope	0.515	0.544	0.498	0.547	0.519	0.518	0.524	3.60
37) T	Ethyl Acetate	0.790	0.744	0.756	0.814	0.753	0.747	0.767	3.67
38) T	Carbon Tetrachlor	0.454	0.471	0.441	0.496	0.461	0.462	0.464	3.96
39) T	Methylcyclohexane	0.590	0.619	0.621	0.667	0.647	0.645	0.632	4.27
40) TM	Benzene	1.456	1.683	1.579	1.731	1.583	1.574	1.601	6.01
41) T	Methacrylonitrile	0.322	0.420	0.403	0.465	0.423	0.424	0.409	11.59
42) TM	1,2-Dichloroethan	0.563	0.590	0.559	0.608	0.553	0.542	0.569	4.38
43) T	Isopropyl Acetate	1.150	1.180	1.174	1.301	1.201	1.206	1.202	4.37
44) TM	Trichloroethene	0.324	0.348	0.332	0.368	0.345	0.349	0.344	4.49
45) C	1,2-Dichloropropa	0.429	0.477	0.452	0.499	0.457	0.457	0.462	5.16#
46) T	Dibromomethane	0.236	0.276	0.259	0.285	0.271	0.266	0.265	6.39
47) T	Bromodichlorometh	0.438	0.514	0.496	0.562	0.529	0.529	0.511	8.24
48) T	Methyl methacryla	0.494	0.586	0.576	0.656	0.607	0.615	0.589	9.19
49) T	1,4-Dioxane	0.007	0.010	0.010	0.011	0.010	0.010	0.010	14.97
50) S	Toluene-d8		1.278	1.148	1.221	1.224	1.218	1.218	3.80
51) T	4-Methyl-2-Pentan	0.735	0.806	0.777	0.871	0.808	0.820	0.803	5.61
52) CM	Toluene	0.878	0.947	0.913	1.011	0.950	0.949	0.941	4.71#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.430	0.519	0.549	0.657	0.635	0.646	0.572	15.67
54) T	cis-1,3-Dichlorop	0.512	0.592	0.617	0.713	0.676	0.673	0.631	11.49
55) T	1,1,2-Trichloroet	0.354	0.396	0.372	0.403	0.386	0.387	0.383	4.64
56) T	Ethyl methacrylat	0.530	0.665	0.651	0.755	0.713	0.737	0.675	12.07
57) T	1,3-Dichloropropa	0.617	0.724	0.680	0.753	0.707	0.704	0.698	6.66
58) T	2-Chloroethyl Vin	0.318	0.351	0.367	0.373	0.378	0.384	0.362	6.68
59) T	2-Hexanone	0.519	0.624	0.604	0.685	0.638	0.656	0.621	9.15
60) T	Dibromochlorometh	0.273	0.343	0.353	0.407	0.395	0.403	0.362	14.15
61) T	1,2-Dibromoethane	0.343	0.406	0.399	0.451	0.419	0.423	0.407	8.86
62) S	4-Bromofluorobenz		0.420	0.414	0.448	0.474	0.491	0.449	7.47
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.346	0.339	0.314	0.328	0.311	0.308	0.324	4.92
65) PM	Chlorobenzene	1.026	1.080	1.032	1.105	1.054	1.041	1.056	2.88
66) T	1,1,1,2-Tetrachlo	0.316	0.371	0.350	0.386	0.374	0.368	0.361	6.92
67) C	Ethyl Benzene	1.767	1.978	1.936	2.059	1.984	1.942	1.944	5.01#
68) T	m/p-Xylenes	0.644	0.693	0.705	0.750	0.728	0.713	0.706	5.09
69) T	o-Xylene	0.692	0.721	0.693	0.743	0.717	0.708	0.712	2.65
70) T	Styrene	0.946	1.106	1.116	1.237	1.216	1.209	1.138	9.57
71) P	Bromoform	0.268	0.272	0.267	0.328	0.335	0.343	0.302	12.17
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.024	4.101	3.829	3.995	3.710	3.581	3.873	5.21
74) T	N-amyl acetate	2.183	2.405	2.309	2.532	2.329	2.295	2.342	5.01
75) P	1,1,2,2-Tetrachlo	1.586	1.710	1.551	1.611	1.471	1.446	1.562	6.19
76) T	1,2,3-Trichloropr	1.440	1.581	1.298	1.370	1.240	1.276	1.368	9.26
77) T	Bromobenzene	0.768	0.983	0.882	0.948	0.886	0.862	0.888	8.37
78) T	n-propylbenzene	4.431	4.789	4.624	4.882	4.619	4.473	4.636	3.77
79) T	2-Chlorotoluene	2.759	3.113	2.744	2.839	2.638	2.583	2.779	6.73
80) T	1,3,5-Trimethylbe	2.981	3.398	3.252	3.396	3.143	3.083	3.209	5.31
81) T	trans-1,4-Dichlor	0.390	0.482	0.470	0.624	0.517	0.557	0.507	15.79
82) T	4-Chlorotoluene	3.072	3.328	3.116	3.249	3.102	3.064	3.155	3.43
83) T	tert-Butylbenzene	3.367	3.418	3.076	3.283	3.091	3.013	3.208	5.29
84) T	1,2,4-Trimethylbe	3.103	3.257	3.214	3.432	3.233	3.147	3.231	3.53
85) T	sec-Butylbenzene	3.685	3.976	3.886	4.150	3.881	3.828	3.901	3.98
86) T	p-Isopropyltoluen	2.999	3.297	3.215	3.470	3.326	3.261	3.261	4.76
87) T	1,3-Dichlorobenze	1.583	1.701	1.591	1.710	1.634	1.625	1.641	3.28
88) T	1,4-Dichlorobenze	1.703	1.772	1.611	1.722	1.654	1.629	1.682	3.64
89) T	n-Butylbenzene	2.502	3.019	3.030	3.406	3.328	3.311	3.099	10.79
90) T	Hexachloroethane	0.562	0.548	0.554	0.614	0.603	0.602	0.581	4.99
91) T	1,2-Dichlorobenze	1.498	1.751	1.652	1.737	1.645	1.617	1.650	5.56
92) T	1,2-Dibromo-3-Chl	0.250	0.359	0.328	0.357	0.344	0.337	0.329	12.41
93) T	1,2,4-Trichlorobe	0.707	0.973	1.044	1.183	1.182	1.159	1.041	17.70
94) T	Hexachlorobutadie	0.459	0.521	0.517	0.554	0.549	0.545	0.524	6.76
95) T	Naphthalene	2.259	3.715	3.825	4.357	4.145	4.046	3.725	20.23
96) T	1,2,3-Trichlorobe	0.880	1.040	1.123	1.246	1.185	1.169	1.107	11.83

(#) = Out of Range