

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N013019W.M
 Title : SW846 8260
 Last Update : Fri Feb 01 09:11:52 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN053558.D 5 =VN053559.D 20 =VN053560.D
 50 =VN053561.D 100 =VN053562.D 150 =VN053563.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.413	0.404	0.577	0.560	0.576	0.562	0.515	16.11
3) P	Chloromethane	0.545	0.554	0.609	0.592	0.619	0.641	0.594	6.32
4) C	Vinyl Chloride	0.538	0.546	0.594	0.581	0.602	0.596	0.576	4.76#
5) T	Bromomethane	0.394	0.369	0.370	0.368	0.378	0.381	0.377	2.57
6) T	Chloroethane	0.322	0.327	0.331	0.325	0.336	0.335	0.329	1.72
7) T	Trichlorofluorome	0.789	0.785	0.786	0.774	0.786	0.769	0.781	0.99
8) T	Diethyl Ether	0.277	0.290	0.281	0.282	0.292	0.290	0.285	2.19
9) T	1,1,2-Trichlorotr	0.514	0.483	0.480	0.472	0.483	0.468	0.483	3.34
10) T	Methyl Iodide		0.707	0.742	0.750	0.794	0.800	0.759	5.12
11) T	Tert butyl alcoho		0.028	0.027	0.029	0.032	0.033	0.030	7.60
12) CM	1,1-Dichloroethen	0.450	0.456	0.466	0.460	0.475	0.470	0.463	1.99#
13) T	Acrolein		0.005	0.010	0.013	0.022	0.032	0.016	66.11
14) T	Allyl chloride	0.702	0.727	0.718	0.739	0.770	0.767	0.737	3.67
15) T	Acrylonitrile	0.136	0.165	0.160	0.161	0.170	0.170	0.160	7.89
16) T	Acetone	0.151	0.140	0.118	0.120	0.122	0.122	0.129	10.44
17) T	Carbon Disulfide	1.439	1.403	1.433	1.417	1.481	1.477	1.442	2.19
18) T	Methyl Acetate	0.425	0.398	0.356	0.361	0.371	0.375	0.381	6.85
19) T	Methyl tert-butyl	1.025	1.171	1.164	1.195	1.248	1.241	1.174	6.88
20) T	Methylene Chlorid	0.617	0.551	0.522	0.508	0.522	0.518	0.540	7.50
21) T	trans-1,2-Dichlor	0.482	0.522	0.499	0.492	0.506	0.496	0.500	2.71
22) T	Diisopropyl ether	1.199	1.308	1.358	1.393	1.462	1.476	1.366	7.56
23) T	Vinyl Acetate	0.771	0.892	0.937	0.988	1.042	1.040	0.945	10.92
24) P	1,1-Dichloroethan	0.919	0.946	0.902	0.892	0.910	0.898	0.911	2.14
25) T	2-Butanone	0.172	0.189	0.176	0.183	0.190	0.191	0.183	4.24
26) T	2,2-Dichloropropa	0.702	0.709	0.676	0.683	0.702	0.700	0.696	1.87
27) T	cis-1,2-Dichloroe	0.522	0.570	0.554	0.556	0.568	0.563	0.555	3.14
28) T	Bromochloromethan	0.411	0.396	0.399	0.390	0.393	0.384	0.395	2.31
29) T	Tetrahydrofuran	0.105	0.116	0.116	0.120	0.125	0.125	0.118	6.32
30) C	Chloroform	0.948	0.941	0.892	0.868	0.895	0.876	0.903	3.72#
31) T	Cyclohexane	1.411	0.917	0.836	0.828	0.856	0.845	0.949	24.10
32) T	1,1,1-Trichloroet	0.729	0.767	0.734	0.743	0.770	0.766	0.752	2.44
33) S	1,2-Dichloroethan		0.527	0.490	0.491	0.498	0.502	0.502	3.01
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.310	0.315	0.313	0.323	0.319	0.316	1.60
36) T	1,1-Dichloroprope	0.418	0.447	0.448	0.447	0.476	0.468	0.451	4.51
37) T	Ethyl Acetate	0.185	0.250	0.257	0.269	0.275	0.274	0.252	13.62
38) T	Carbon Tetrachlor	0.430	0.470	0.451	0.446	0.469	0.458	0.454	3.31
39) T	Methylcyclohexane	0.485	0.497	0.515	0.548	0.587	0.576	0.535	7.90
40) TM	Benzene	1.355	1.391	1.395	1.370	1.429	1.400	1.390	1.85
41) T	Methacrylonitrile	0.128	0.120	0.127	0.139	0.164	0.165	0.141	14.00
42) TM	1,2-Dichloroethan	0.413	0.427	0.411	0.399	0.419	0.407	0.413	2.34
43) T	Isopropyl Acetate	0.478	0.497	0.467	0.467	0.508	0.500	0.486	3.66
44) TM	Trichloroethene	0.406	0.402	0.392	0.376	0.404	0.394	0.396	2.80
45) C	1,2-Dichloropropa	0.334	0.357	0.357	0.355	0.367	0.364	0.356	3.28#
46) T	Dibromomethane	0.222	0.218	0.208	0.208	0.217	0.212	0.214	2.82
47) T	Bromodichlorometh	0.436	0.442	0.441	0.437	0.461	0.457	0.446	2.34
48) T	Methyl methacryla	0.231	0.222	0.210	0.228	0.249	0.252	0.232	6.94
49) T	1,4-Dioxane	0.001	0.003	0.003	0.003	0.003	0.003	0.003	26.19
50) S	Toluene-d8		1.149	1.153	1.172	1.229	1.229	1.186	3.35
51) T	4-Methyl-2-Pentan	0.194	0.222	0.240	0.247	0.265	0.265	0.239	11.43
52) CM	Toluene	0.734	0.818	0.832	0.828	0.872	0.865	0.825	5.96#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.389	0.414	0.430	0.449	0.494	0.501	0.446	10.00
54) T	cis-1,3-Dichlorop	0.492	0.499	0.519	0.530	0.564	0.568	0.529	6.11
55) T	1,1,2-Trichloroet	0.276	0.298	0.297	0.298	0.310	0.305	0.297	3.85
56) T	Ethyl methacrylat	0.280	0.307	0.344	0.366	0.402	0.410	0.352	14.70
57) T	1,3-Dichloropropa	0.485	0.513	0.503	0.498	0.527	0.523	0.508	3.14
58) T	2-Chloroethyl Vin	0.143	0.182	0.197	0.209	0.224	0.223	0.196	15.58
59) T	2-Hexanone	0.144	0.146	0.157	0.165	0.179	0.182	0.162	9.89
60) T	Dibromochlorometh	0.295	0.324	0.329	0.337	0.362	0.363	0.335	7.61
61) T	1,2-Dibromoethane	0.281	0.293	0.286	0.288	0.309	0.309	0.294	4.11
62) S	4-Bromofluorobenz		0.360	0.380	0.392	0.419	0.428	0.396	7.03
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.455	0.440	0.420	0.416	0.428	0.414	0.429	3.73
65) PM	Chlorobenzene	1.077	1.092	1.033	1.026	1.077	1.067	1.062	2.50
66) T	1,1,1,2-Tetrachlo	0.356	0.375	0.362	0.366	0.384	0.382	0.371	3.11
67) C	Ethyl Benzene	1.651	1.722	1.721	1.731	1.826	1.816	1.745	3.77#
68) T	m/p-Xylenes	0.594	0.655	0.669	0.671	0.710	0.696	0.666	6.04
69) T	o-Xylene	0.577	0.635	0.641	0.651	0.683	0.673	0.643	5.80
70) T	Stvrene	0.892	0.993	1.055	1.062	1.135	1.119	1.043	8.56
71) P	Bromoform	0.212	0.237	0.250	0.259	0.281	0.286	0.254	10.94
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.351	3.658	3.569	3.450	3.551	3.509	3.515	3.00
74) T	N-amyl acetate	0.724	0.833	0.804	0.847	0.926	0.939	0.845	9.46
75) P	1,1,2,2-Tetrachlo	0.891	0.894	0.816	0.798	0.830	0.818	0.841	4.90
76) T	1,2,3-Trichloropr	0.675	0.653	0.626	0.617	0.639	0.644	0.642	3.16
77) T	Bromobenzene	0.930	0.962	0.946	0.924	0.966	0.957	0.947	1.83
78) T	n-propylbenzene	3.771	4.117	4.122	4.032	4.197	4.141	4.063	3.75
79) T	2-Chlorotoluene	2.383	2.496	2.397	2.344	2.430	2.414	2.411	2.12
80) T	1,3,5-Trimethylbe	2.542	2.973	2.979	2.943	3.043	3.008	2.915	6.37
81) T	trans-1,4-Dichlor	0.203	0.214	0.214	0.231	0.247	0.262	0.228	9.87
82) T	4-Chlorotoluene	2.373	2.533	2.457	2.422	2.542	2.515	2.474	2.74
83) T	tert-Butylbenzene	2.407	2.677	2.644	2.547	2.609	2.573	2.576	3.70
84) T	1,2,4-Trimethylbe	2.497	3.044	3.075	3.004	3.130	3.067	2.970	7.92
85) T	sec-Butylbenzene	3.153	3.664	3.572	3.503	3.597	3.544	3.506	5.16
86) T	p-Isopropyltoluen	2.675	3.088	3.122	3.103	3.213	3.195	3.066	6.45
87) T	1,3-Dichlorobenze	1.760	1.721	1.673	1.639	1.723	1.702	1.703	2.48
88) T	1,4-Dichlorobenze	1.760	1.674	1.639	1.624	1.716	1.694	1.685	2.97
89) T	n-Butylbenzene	2.396	2.554	2.639	2.670	2.836	2.828	2.654	6.31
90) T	Hexachloroethane	0.504	0.499	0.485	0.489	0.520	0.537	0.506	3.84
91) T	1,2-Dichlorobenze	1.619	1.677	1.632	1.596	1.662	1.595	1.630	2.08
92) T	1,2-Dibromo-3-Chl	0.116	0.116	0.120	0.119	0.125	0.123	0.120	3.08
93) T	1,2,4-Trichlorobe	0.781	0.834	0.934	0.991	1.044	1.026	0.935	11.45
94) T	Hexachlorobutadie	0.610	0.613	0.581	0.574	0.580	0.535	0.582	4.84
95) T	Naphthalene	1.259	1.560	1.962	2.147	2.247	2.251	1.905	21.45
96) T	1,2,3-Trichlorobe	0.752	0.765	0.890	0.909	0.947	0.943	0.868	10.06

(#) = Out of Range