

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N100418W.M
 Title : SW846 8260
 Last Update : Tue Oct 09 06:03:49 2018
 Response Via : Initial Calibration

Calibration Files

5 =VN051663.D 20 =VN051658.D 50 =VN051659.D
 100 =VN051660.D 150 =VN051661.D

	Compound	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.424	0.665	0.620	0.616	0.642	0.593	16.31
3) P	Chloromethane	0.552	0.644	0.591	0.539	0.527	0.571	8.33
4) C	Vinyl Chloride	0.866	1.019	0.937	0.846	0.826	0.899	8.80#
5) T	Bromomethane	0.863	0.656	0.668	0.630	0.640	0.691	14.08
6) T	Chloroethane	0.656	0.672	0.607	0.550	0.535	0.604	10.14
7) T	Trichlorofluorometh	1.377	0.995	0.929	0.888	0.935	1.025	19.60
8) T	Diethyl Ether	0.293	0.275	0.257	0.239	0.245	0.262	8.44
9) T	1,1,2-Trichlorotrif	0.547	0.538	0.496	0.457	0.460	0.500	8.44
10) T	Methyl Iodide	0.408	0.626	0.658	0.667	0.687	0.609	18.80
11) T	Tert butyl alcohol	0.054	0.044	0.042	0.041	0.043	0.045	11.69
12) CM	1,1-Dichloroethene	0.521	0.493	0.457	0.427	0.430	0.466	8.77#
13) T	Acrolein	0.047	0.029	0.030	0.028	0.029	0.033	24.49
14) T	Allyl chloride	0.741	0.747	0.717	0.670	0.676	0.710	5.05
15) T	Acrylonitrile	0.164	0.156	0.152	0.150	0.153	0.155	3.57
16) T	Acetone	0.154	0.125	0.116	0.105	0.105	0.121	16.78
17) T	Carbon Disulfide	1.600	1.427	1.384	1.312	1.355	1.415	7.86
18) T	Methyl Acetate	0.377	0.379	0.364	0.348	0.355	0.365	3.74
19) T	Methyl tert-butyl E	1.659	1.567	1.501	1.440	1.518	1.537	5.33
20) T	Methylene Chloride	0.587	0.552	0.533	0.510	0.534	0.543	5.31
21) T	trans-1,2-Dichloroe	0.601	0.549	0.538	0.516	0.554	0.552	5.65
22) T	Diisopropyl ether	1.589	1.584	1.529	1.469	1.441	1.522	4.39
23) T	Vinyl Acetate	1.200	1.135	1.121	1.075	1.065	1.119	4.84
24) P	1,1-Dichloroethane	1.073	0.994	0.970	0.924	0.935	0.979	6.05
25) T	2-Butanone	0.229	0.193	0.188	0.171	0.173	0.191	12.31
26) T	2,2-Dichloropropane	1.039	1.036	0.990	0.910	0.931	0.981	6.01
27) T	cis-1,2-Dichloroeth	0.700	0.649	0.627	0.600	0.626	0.641	5.86
28) T	Bromochloromethane	0.473	0.436	0.437	0.414	0.409	0.433	5.85
29) T	Tetrahydrofuran	0.123	0.119	0.120	0.112	0.111	0.117	4.31
30) C	Chloroform	1.106	1.122	1.109	1.075	1.088	1.100	1.67#
31) T	Cyclohexane	1.039	0.916	0.890	0.827	0.812	0.897	10.12
32) T	1,1,1-Trichloroetha	1.093	1.071	1.063	1.053	1.052	1.066	1.57
33) S	1,2-Dichloroethane-	0.734	0.627	0.647	0.653	0.642	0.661	6.40

34) I	1,4-Difluorobenzene	-----ISTD-----						
35) S	Dibromofluoromethan	0.406	0.366	0.369	0.388	0.403	0.387	4.79
36) T	1,1-Dichloropropene	0.534	0.520	0.522	0.513	0.524	0.523	1.44
37) T	Ethyl Acetate	0.289	0.279	0.269	0.260	0.266	0.273	4.25
38) T	Carbon Tetrachlorid	0.629	0.610	0.626	0.629	0.642	0.627	1.81
39) T	Methylcyclohexane	0.656	0.655	0.663	0.647	0.660	0.656	0.91
40) TM	Benzene	1.541	1.551	1.577	1.535	1.542	1.549	1.08
41) T	Methacrylonitrile	0.191	0.141	0.139	0.136	0.142	0.150	15.57
42) TM	1,2-Dichloroethane	0.545	0.518	0.532	0.506	0.510	0.522	3.10
43) T	Isopropyl Acetate	0.603	0.586	0.578	0.536	0.538	0.568	5.22
44) TM	Trichloroethene	0.447	0.435	0.435	0.438	0.444	0.440	1.30
45) C	1,2-Dichloropropane	0.412	0.389	0.384	0.364	0.366	0.383	5.09#
46) T	Dibromomethane	0.268	0.265	0.262	0.264	0.272	0.266	1.44
47) T	Bromodichloromethan	0.597	0.578	0.591	0.575	0.589	0.586	1.60
48) T	Methyl methacrylate	0.279	0.262	0.258	0.249	0.250	0.260	4.63
49) T	1,4-Dioxane	0.004	0.004	0.004	0.004	0.004	0.004	4.99
50) S	Toluene-d8	1.439	1.341	1.418	1.495	1.518	1.442	4.83
51) T	4-Methyl-2-Pentanon	0.307	0.295	0.290	0.273	0.274	0.288	5.00
52) CM	Toluene	0.977	0.993	1.067	1.048	1.068	1.030	4.13#

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	Compound	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloroprope	0.586	0.584	0.620	0.611	0.623	0.605	3.07
54) T	cis-1,3-Dichloropro	0.645	0.633	0.645	0.637	0.652	0.642	1.15
55) T	1,1,2-Trichloroetha	0.369	0.358	0.369	0.368	0.371	0.367	1.37
56) T	Ethyl methacrylate	0.434	0.452	0.481	0.475	0.480	0.464	4.47
57) T	1,3-Dichloropropane	0.562	0.585	0.591	0.580	0.588	0.581	1.99
58) T	2-Chloroethyl Vinyl	0.174	0.188	0.198	0.195	0.206	0.192	6.18
59) T	2-Hexanone	0.215	0.199	0.195	0.183	0.186	0.196	6.50
60) T	Dibromochloromethan	0.445	0.461	0.491	0.499	0.507	0.480	5.47
61) T	1,2-Dibromoethane	0.366	0.373	0.398	0.398	0.406	0.388	4.50
62) S	4-Bromofluorobenzen	0.486	0.435	0.514	0.552	0.566	0.510	10.37
63) I	Chlorobenzene-d5	-----ISTD-----						
64) T	Tetrachloroethene	0.461	0.451	0.434	0.428	0.432	0.441	3.27
65) PM	Chlorobenzene	1.271	1.224	1.230	1.228	1.239	1.238	1.53
66) T	1,1,1,2-Tetrachloro	0.503	0.484	0.501	0.494	0.497	0.496	1.49
67) C	Ethyl Benzene	2.144	2.150	2.169	2.109	2.130	2.140	1.07#
68) T	m/p-Xylenes	0.828	0.838	0.883	0.861	0.872	0.856	2.72
69) T	o-Xylene	0.813	0.847	0.859	0.835	0.846	0.840	2.06
70) T	Styrene	1.234	1.280	1.378	1.380	1.420	1.338	5.83
71) P	Bromoform	0.343	0.344	0.376	0.384	0.398	0.369	6.63
72) I	1,4-Dichlorobenzene-d	-----ISTD-----						
73) T	Isopropylbenzene	5.085	4.527	4.030	3.816	3.853	4.262	12.68
74) T	N-amyl acetate	1.268	1.018	0.890	0.836	0.848	0.972	18.57
75) P	1,1,2,2-Tetrachloro	1.215	0.970	0.835	0.788	0.785	0.919	19.82
76) T	1,2,3-Trichloroprop	0.956	0.713	0.634	0.593	0.587	0.697	22.02
77) T	Bromobenzene	1.234	1.059	0.974	0.967	0.977	1.042	10.89
78) T	n-propylbenzene	5.418	4.844	4.455	4.247	4.280	4.649	10.56
79) T	2-Chlorotoluene	3.244	2.878	2.618	2.476	2.483	2.740	11.88
80) T	1,3,5-Trimethylbenz	4.204	3.742	3.473	3.268	3.273	3.592	10.95
81) T	trans-1,4-Dichloro-	0.308	0.279	0.258	0.253	0.262	0.272	8.08
82) T	4-Chlorotoluene	3.069	2.804	2.711	2.574	2.603	2.752	7.24
83) T	tert-Butylbenzene	3.923	3.348	3.063	2.878	2.881	3.219	13.61
84) T	1,2,4-Trimethylbenz	4.154	3.741	3.514	3.280	3.301	3.598	10.08
85) T	sec-Butylbenzene	4.874	4.476	4.139	3.903	3.894	4.257	9.83
86) T	p-Isopropyltoluene	4.226	3.868	3.697	3.514	3.567	3.774	7.60
87) T	1,3-Dichlorobenzene	1.900	1.811	1.775	1.767	1.827	1.816	2.92
88) T	1,4-Dichlorobenzene	1.907	1.759	1.754	1.738	1.780	1.787	3.82
89) T	n-Butylbenzene	3.075	3.032	2.982	2.881	2.951	2.984	2.50
90) T	Hexachloroethane	0.871	0.798	0.730	0.685	0.682	0.753	10.73
91) T	1,2-Dichlorobenzene	2.006	1.800	1.772	1.709	1.740	1.805	6.48
92) T	1,2-Dibromo-3-Chlor	0.174	0.161	0.144	0.134	0.136	0.150	11.52
93) T	1,2,4-Trichlorobenz	0.710	0.691	0.792	0.875	0.948	0.803	13.58
94) T	Hexachlorobutadiene	0.650	0.555	0.505	0.508	0.508	0.545	11.40
95) T	Naphthalene	1.688	1.425	1.638	1.868	2.053	1.735	13.72
96) T	1,2,3-Trichlorobenz	0.775	0.715	0.755	0.826	0.885	0.791	8.30

(#) = Out of Range