

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N090119W.M
 Title : SW846 8260
 Last Update : Mon Sep 02 06:48:16 2019
 Response Via : Initial Calibration

Calibration Files

5 =VN057611.D 20 =VN057612.D 50 =VN057613.D
 100 =VN057614.D 150 =VN057615.D

	Compound	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.665	0.796	0.817	0.850	0.870	0.800	10.07
3) P	Chloromethane	0.835	0.967	0.941	0.939	0.926	0.922	5.49
4) C	Vinyl Chloride	0.662	0.743	0.721	0.744	0.739	0.722	4.79#
5) T	Bromomethane	0.442	0.471	0.431	0.467	0.472	0.457	4.09
6) T	Chloroethane	0.381	0.416	0.408	0.409	0.403	0.403	3.31
7) T	Trichlorofluorometh	0.926	1.046	1.033	1.023	1.038	1.013	4.90
8) T	Diethyl Ether	0.325	0.352	0.334	0.336	0.330	0.335	3.00
9) T	1,1,2-Trichlorotrif	0.516	0.525	0.512	0.509	0.506	0.514	1.39
10) T	Methyl Iodide	0.524	0.700	0.709	0.707	0.676	0.663	11.90
11) T	Tert butyl alcohol	0.098	0.117	0.118	0.130	0.129	0.118	10.97
12) CM	1,1-Dichloroethene	0.439	0.475	0.465	0.476	0.474	0.466	3.36#
13) T	Acrolein	0.052	0.050	0.044	0.045	0.044	0.047	7.65
14) T	Allyl chloride	1.343	1.433	1.464	1.518	1.507	1.453	4.86
15) T	Acrylonitrile	0.307	0.362	0.368	0.378	0.362	0.355	7.79
16) T	Acetone	0.299	0.353	0.326	0.315	0.290	0.317	7.72
17) T	Carbon Disulfide	1.237	1.442	1.532	1.599	1.718	1.506	12.00
18) T	Methyl Acetate	1.238	1.110	1.027	1.037	1.023	1.087	8.43
19) T	Methyl tert-butyl E	2.072	2.487	2.450	2.539	2.500	2.410	7.95
20) T	Methylene Chloride	0.703	0.816	0.794	0.810	0.796	0.784	5.88
21) T	trans-1,2-Dichloroe	0.597	0.725	0.707	0.722	0.710	0.692	7.79
22) T	Diisopropyl ether	2.688	3.030	3.086	3.105	3.024	2.987	5.70
23) T	Vinyl Acetate	1.814	2.402	2.504	2.501	2.256	2.295	12.51
24) P	1,1-Dichloroethane	1.265	1.552	1.532	1.578	1.570	1.499	8.83
25) T	2-Butanone	0.448	0.548	0.552	0.552	0.537	0.527	8.55
26) T	2,2-Dichloropropane	0.954	1.213	1.235	1.294	1.296	1.198	11.79
27) T	cis-1,2-Dichloroeth	0.750	0.859	0.834	0.853	0.838	0.827	5.37
28) T	Bromochloromethane	0.764	0.851	0.797	0.819	0.761	0.798	4.77
29) T	Tetrahydrofuran	0.291	0.337	0.340	0.350	0.337	0.331	6.95
30) C	Chloroform	1.359	1.575	1.523	1.583	1.565	1.521	6.13#
31) T	Cyclohexane	1.545	1.543	1.468	1.475	1.451	1.496	2.97
32) T	1,1,1-Trichloroetha	1.029	1.259	1.265	1.332	1.354	1.248	10.35
33) S	1,2-Dichloroethane-	1.125	1.122	1.148	1.129	1.124	1.129	0.93

34) I	1,4-Difluorobenzene	-----ISTD-----						
35) S	Dibromofluoromethan	0.445	0.424	0.446	0.437	0.431	0.437	2.14
36) T	1,1-Dichloropropene	0.578	0.706	0.678	0.683	0.670	0.663	7.48
37) T	Ethyl Acetate	0.478	0.680	0.663	0.676	0.660	0.631	13.61
38) T	Carbon Tetrachlorid	0.489	0.575	0.608	0.638	0.657	0.593	11.16
39) T	Methylcyclohexane	0.682	0.808	0.811	0.813	0.801	0.783	7.22
40) TM	Benzene	1.738	2.006	1.971	1.990	1.943	1.930	5.68
41) T	Methacrylonitrile	0.234	0.356	0.334	0.363	0.367	0.331	16.75
42) TM	1,2-Dichloroethane	0.674	0.793	0.808	0.828	0.816	0.784	8.01
43) T	Isopropyl Acetate	0.895	1.145	1.199	1.226	1.215	1.136	12.16
44) TM	Trichloroethene	0.410	0.442	0.440	0.446	0.451	0.438	3.67
45) C	1,2-Dichloropropane	0.521	0.542	0.547	0.547	0.531	0.537	2.13#
46) T	Dibromomethane	0.300	0.341	0.338	0.348	0.338	0.333	5.71
47) T	Bromodichloromethan	0.514	0.663	0.715	0.746	0.743	0.676	14.27
48) T	Methyl methacrylate	0.487	0.586	0.606	0.615	0.605	0.580	9.14
49) T	1,4-Dioxane	0.006	0.007	0.007	0.007	0.007	0.007	9.91
50) S	Toluene-d8	1.551	1.716	1.747	1.715	1.652	1.676	4.64
51) T	4-Methyl-2-Pentanon	0.520	0.692	0.710	0.700	0.632	0.651	12.16
52) CM	Toluene	0.962	1.173	1.190	1.201	1.176	1.140	8.78#

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	Compound	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloroprope	0.489	0.645	0.739	0.785	0.791	0.690	18.31
54) T	cis-1,3-Dichloropro	0.568	0.778	0.821	0.854	0.848	0.774	15.34
55) T	1,1,2-Trichloroetha	0.360	0.441	0.452	0.462	0.449	0.433	9.58
56) T	Ethyl methacrylate	0.580	0.721	0.754	0.783	0.772	0.722	11.46
57) T	1,3-Dichloropropane	0.667	0.823	0.828	0.838	0.813	0.794	8.99
58) T	2-Chloroethyl Vinyl	0.167	0.195	0.214	0.244	0.237	0.211	15.04
59) T	2-Hexanone	0.375	0.503	0.502	0.522	0.489	0.478	12.26
60) T	Dibromochloromethan	0.279	0.411	0.453	0.500	0.498	0.428	21.27
61) T	1,2-Dibromoethane	0.350	0.445	0.454	0.466	0.464	0.436	11.14
62) S	4-Bromofluorobenzen	0.634	0.577	0.634	0.676	0.666	0.637	6.11
63) I	Chlorobenzene-d5	-----ISTD-----						
64) T	Tetrachloroethene	0.392	0.459	0.444	0.435	0.435	0.433	5.72
65) PM	Chlorobenzene	1.104	1.268	1.281	1.315	1.297	1.253	6.79
66) T	1,1,1,2-Tetrachloro	0.364	0.428	0.446	0.472	0.474	0.437	10.28
67) C	Ethyl Benzene	2.051	2.467	2.563	2.618	2.473	2.434	9.18#
68) T	m/p-Xylenes	0.717	0.853	0.892	0.925	0.902	0.858	9.69
69) T	o-Xylene	0.690	0.834	0.865	0.890	0.877	0.831	9.83
70) T	Stvrene	1.026	1.345	1.461	1.548	1.549	1.386	15.70
71) P	Bromoform	0.177	0.251	0.292	0.344	0.361	0.285	26.09
72) I	1,4-Dichlorobenzene-d	-----ISTD-----						
73) T	Isopropylbenzene	5.138	5.683	5.426	4.643	4.351	5.048	10.87
74) T	N-amyl acetate	2.255	2.642	2.532	2.256	2.227	2.382	8.02
75) P	1,1,2,2-Tetrachloro	1.508	1.720	1.559	1.370	1.281	1.488	11.45
76) T	1,2,3-Trichloroprop	1.332	1.489	1.356	1.215	1.184	1.315	9.26
77) T	Bromobenzene	1.019	1.184	1.162	1.018	0.990	1.074	8.44
78) T	n-propylbenzene	5.560	5.904	6.152	5.450	5.027	5.619	7.70
79) T	2-Chlorotoluene	3.381	3.846	3.787	3.322	3.183	3.504	8.42
80) T	1,3,5-Trimethylbenz	3.801	4.559	4.579	4.021	3.805	4.153	9.39
81) T	trans-1,4-Dichloro-	0.294	0.399	0.408	0.404	0.413	0.384	13.13
82) T	4-Chlorotoluene	3.421	3.516	3.684	3.421	3.298	3.468	4.14
83) T	tert-Butylbenzene	3.472	3.884	3.792	3.287	3.185	3.524	8.69
84) T	1,2,4-Trimethylbenz	3.670	4.365	4.391	3.942	3.722	4.018	8.57
85) T	sec-Butylbenzene	4.638	5.048	5.136	4.551	4.327	4.740	7.22
86) T	p-Isopropyltoluene	3.659	4.002	4.264	3.885	3.789	3.920	5.86
87) T	1,3-Dichlorobenzene	1.541	1.768	1.861	1.805	1.777	1.750	7.02
88) T	1,4-Dichlorobenzene	1.491	1.670	1.747	1.780	1.767	1.691	7.07
89) T	n-Butylbenzene	3.485	3.956	3.807	3.572	3.547	3.673	5.44
90) T	Hexachloroethane	0.593	0.674	0.732	0.694	0.710	0.681	7.83
91) T	1,2-Dichlorobenzene	1.316	1.730	1.815	1.757	1.733	1.670	12.03
92) T	1,2-Dibromo-3-Chlor	0.174	0.231	0.241	0.244	0.255	0.229	13.88
93) T	1,2,4-Trichlorobenz	0.331	0.496	0.633	0.764	0.845	0.614	33.61
94) T	Hexachlorobutadiene	0.578	0.588	0.573	0.575	0.551	0.573	2.35
95) T	Naphthalene	1.035	1.539	1.982	2.233	2.424	1.843	30.38
96) T	1,2,3-Trichlorobenz	0.336	0.489	0.663	0.755	0.837	0.616	32.95

(#) = Out of Range