

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N121020W.M
 Title : SW846 8260
 Last Update : Fri Dec 11 07:09:49 2020
 Response Via : Initial Calibration

Calibration Files

5 =VN065045.D 20 =VN065039.D 50 =VN065040.D
 100 =VN065041.D 150 =VN065042.D

	Compound	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.503	0.295	0.315	0.305	0.320	0.348	25.08
3) P	Chloromethane	0.630	0.400	0.430	0.416	0.428	0.461	20.67
4) C	Vinyl Chloride	0.660	0.439	0.466	0.452	0.474	0.498	18.32#
5) T	Bromomethane	0.449	0.300	0.318	0.312	0.315	0.339	18.35
6) T	Chloroethane	0.423	0.292	0.321	0.302	0.311	0.330	16.09
7) T	Trichlorofluorometh	0.915	0.651	0.719	0.692	0.719	0.739	13.79
8) T	Diethyl Ether	0.333	0.265	0.292	0.281	0.297	0.294	8.51
9) T	1,1,2-Trichlorotrif	0.568	0.415	0.445	0.425	0.450	0.460	13.37
10) T	Methyl Iodide	0.583	0.480	0.549	0.565	0.608	0.557	8.67
11) T	Tert butyl alcohol	0.078	0.066	0.072	0.068	0.076	0.072	7.07
12) CM	1,1-Dichloroethene	0.530	0.378	0.409	0.402	0.436	0.431	13.69#
13) T	Acrolein	0.068	0.051	0.056	0.053	0.063	0.058	12.15
14) T	Allyl chloride	0.791	0.594	0.691	0.682	0.735	0.699	10.42
15) T	Acrylonitrile	0.243	0.204	0.228	0.220	0.238	0.227	6.92
16) T	Acetone	0.253	0.202	0.213	0.188	0.199	0.211	11.98
17) T	Carbon Disulfide	1.537	0.887	0.972	0.943	1.023	1.073	24.63
18) T	Methyl Acetate	0.565	0.484	0.534	0.515	0.562	0.532	6.33
19) T	Methyl tert-butyl E	1.545	1.269	1.465	1.441	1.546	1.453	7.80
20) T	Methylene Chloride	0.676	0.478	0.519	0.493	0.523	0.538	14.75
21) T	trans-1,2-Dichloroe	0.556	0.412	0.457	0.451	0.477	0.471	11.29
22) T	Diisopropyl ether	1.631	1.361	1.541	1.490	1.592	1.523	6.90
23) T	Vinyl Acetate	1.198	1.019	1.207	1.185	1.277	1.177	8.11
24) P	1,1-Dichloroethane	1.030	0.805	0.895	0.859	0.922	0.902	9.26
25) T	2-Butanone	0.314	0.264	0.296	0.281	0.301	0.291	6.60
26) T	2,2-Dichloropropane	0.886	0.688	0.761	0.739	0.792	0.773	9.52
27) T	cis-1,2-Dichloroeth	0.662	0.492	0.553	0.550	0.584	0.568	10.95
28) T	Bromochloromethane	0.475	0.425	0.408	0.403	0.432	0.429	6.68
29) T	Tetrahydrofuran	0.191	0.162	0.189	0.178	0.194	0.183	7.32
30) C	Chloroform	1.048	0.848	0.940	0.883	0.944	0.932	8.15#
31) T	Cyclohexane	0.913	0.583	0.659	0.654	0.691	0.700	17.94
32) T	1,1,1-Trichloroetha	0.904	0.725	0.790	0.762	0.813	0.799	8.46
33) S	1,2-Dichloroethane-	0.674	0.582	0.554	0.566	0.601	0.595	7.94

34) I	1,4-Difluorobenzene	-----ISTD-----						
35) S	Dibromofluoromethan	0.362	0.319	0.311	0.326	0.337	0.331	5.97
36) T	1,1-Dichloropropene	0.462	0.363	0.434	0.424	0.450	0.426	8.98
37) T	Ethyl Acetate	0.427	0.353	0.382	0.378	0.399	0.388	7.05
38) T	Carbon Tetrachlorid	0.496	0.403	0.459	0.445	0.463	0.453	7.44
39) T	Methylcyclohexane	0.450	0.342	0.420	0.428	0.455	0.419	10.83
40) TM	Benzene	1.456	1.188	1.317	1.302	1.342	1.321	7.28
41) T	Methacrylonitrile	0.211	0.179	0.210	0.198	0.209	0.201	6.78
42) TM	1,2-Dichloroethane	0.506	0.404	0.444	0.435	0.450	0.448	8.28
43) T	Isopropyl Acetate	0.683	0.559	0.652	0.640	0.689	0.645	8.12
44) TM	Trichloroethene	0.404	0.332	0.371	0.363	0.375	0.369	7.01
45) C	1,2-Dichloropropane	0.374	0.325	0.364	0.353	0.371	0.357	5.48#
46) T	Dibromomethane	0.243	0.210	0.237	0.230	0.237	0.231	5.58
47) T	Bromodichloromethan	0.498	0.424	0.482	0.474	0.494	0.474	6.27
48) T	Methyl methacrylate	0.292	0.275	0.320	0.316	0.327	0.306	7.09
49) T	1,4-Dioxane	0.006	0.005	0.006	0.006	0.006	0.006	7.52
50) S	Toluene-d8	1.275	1.240	1.210	1.293	1.327	1.269	3.58
51) T	4-Methyl-2-Pentanon	0.383	0.353	0.399	0.387	0.405	0.385	5.19
52) CM	Toluene	0.852	0.741	0.843	0.839	0.864	0.828	5.94#

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	Compound	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloroprope	0.489	0.438	0.516	0.527	0.556	0.505	8.81
54) T	cis-1,3-Dichloropro	0.579	0.491	0.575	0.575	0.605	0.565	7.62
55) T	1,1,2-Trichloroetha	0.364	0.311	0.347	0.342	0.348	0.343	5.64
56) T	Ethyl methacrylate	0.407	0.376	0.476	0.489	0.515	0.453	12.92
57) T	1,3-Dichloropropane	0.597	0.511	0.567	0.566	0.579	0.564	5.71
58) T	2-Chloroethyl Vinyl	0.207	0.226	0.268	0.224	0.282	0.241	13.27
59) T	2-Hexanone	0.267	0.251	0.291	0.284	0.296	0.278	6.67
60) T	Dibromochloromethan	0.391	0.353	0.397	0.399	0.410	0.390	5.58
61) T	1,2-Dibromoethane	0.359	0.305	0.354	0.343	0.355	0.343	6.49
62) S	4-Bromofluorobenzen	0.415	0.407	0.421	0.459	0.472	0.435	6.65
63) I	Chlorobenzene-d5	-----ISTD-----						
64) T	Tetrachloroethene	0.481	0.390	0.434	0.402	0.418	0.425	8.32
65) PM	Chlorobenzene	1.088	0.933	1.048	1.000	1.051	1.024	5.81
66) T	1,1,1,2-Tetrachloro	0.409	0.365	0.401	0.388	0.405	0.394	4.53
67) C	Ethyl Benzene	1.734	1.465	1.761	1.745	1.838	1.709	8.33#
68) T	m/p-Xylenes	0.638	0.587	0.700	0.677	0.709	0.662	7.57
69) T	o-Xylene	0.630	0.540	0.660	0.648	0.681	0.632	8.61
70) T	Styrene	0.962	0.938	1.134	1.127	1.183	1.069	10.38
71) P	Bromoform	0.298	0.270	0.306	0.302	0.319	0.299	6.01
72) I	1,4-Dichlorobenzene-d	-----ISTD-----						
73) T	Isopropylbenzene	3.442	2.969	3.478	3.323	3.411	3.325	6.22
74) T	N-amyl acetate	1.178	1.044	1.250	1.217	1.299	1.198	8.08
75) P	1,1,2,2-Tetrachloro	1.168	0.951	0.993	0.952	0.984	1.010	8.96
76) T	1,2,3-Trichloroprop	1.129	0.853	0.989	0.927	0.972	0.974	10.40
77) T	Bromobenzene	0.987	0.791	0.902	0.864	0.876	0.884	8.01
78) T	n-propylbenzene	3.806	3.356	3.909	3.780	3.900	3.750	6.06
79) T	2-Chlorotoluene	2.468	2.096	2.337	2.247	2.322	2.294	5.94
80) T	1,3,5-Trimethylbenz	2.779	2.496	2.958	2.834	2.923	2.798	6.53
81) T	trans-1,4-Dichloro-	0.315	0.306	0.362	0.354	0.375	0.342	8.85
82) T	4-Chlorotoluene	2.555	2.209	2.459	2.406	2.459	2.418	5.30
83) T	tert-Butylbenzene	2.272	2.049	2.424	2.364	2.437	2.309	6.90
84) T	1,2,4-Trimethylbenz	2.790	2.477	2.993	2.884	2.979	2.825	7.46
85) T	sec-Butylbenzene	3.042	2.674	3.135	3.045	3.151	3.009	6.45
86) T	p-Isopropyltoluene	2.660	2.412	2.931	2.892	2.970	2.773	8.48
87) T	1,3-Dichlorobenzene	1.681	1.390	1.612	1.566	1.607	1.571	6.97
88) T	1,4-Dichlorobenzene	1.756	1.408	1.627	1.567	1.609	1.593	7.85
89) T	n-Butylbenzene	2.178	1.918	2.377	2.400	2.521	2.279	10.37
90) T	Hexachloroethane	0.531	0.445	0.513	0.503	0.522	0.503	6.73
91) T	1,2-Dichlorobenzene	1.690	1.424	1.584	1.539	1.582	1.564	6.13
92) T	1,2-Dibromo-3-Chlor	0.201	0.189	0.195	0.194	0.212	0.198	4.44
93) T	1,2,4-Trichlorobenz	0.599	0.637	0.821	0.833	0.926	0.763	18.28
94) T	Hexachlorobutadiene	0.490	0.387	0.428	0.421	0.432	0.432	8.60
95) T	Naphthalene	1.353	1.786	2.469	2.485	2.811	2.181	27.26
96) T	1,2,3-Trichlorobenz	0.486	0.598	0.791	0.787	0.869	0.706	22.41

(#) = Out of Range