

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N112320W.M
 Title : SW846 8260
 Last Update : Mon Nov 23 13:54:12 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN064776.D 5 =VN064777.D 20 =VN064778.D
 50 =VN064779.D 100 =VN064780.D 150 =VN064781.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.458	0.526	0.397	0.407	0.408	0.404	0.433	11.59
3) P	Chloromethane	0.597	0.686	0.515	0.528	0.527	0.526	0.563	11.91
4) C	Vinyl Chloride	0.618	0.709	0.537	0.550	0.560	0.549	0.587	11.27#
5) T	Bromomethane		0.486	0.374	0.363	0.353	0.349	0.385	14.89
6) T	Chloroethane	0.366	0.437	0.335	0.348	0.352	0.342	0.363	10.36
7) T	Trichlorofluorome	0.864	0.941	0.746	0.773	0.782	0.763	0.812	9.28
8) T	Diethyl Ether	0.333	0.375	0.297	0.309	0.305	0.303	0.320	9.20
9) T	1,1,2-Trichlorotr	0.484	0.585	0.445	0.469	0.475	0.464	0.487	10.21
10) T	Methyl Iodide		0.635	0.570	0.630	0.663	0.660	0.631	5.93
11) T	Tert butyl alcoho		0.093	0.083	0.090	0.093	0.093	0.091	4.78
12) CM	1,1-Dichloroethen	0.529	0.533	0.445	0.463	0.468	0.471	0.485	7.61#
13) T	Acrolein		0.060	0.048	0.054	0.056	0.059	0.055	8.96
14) T	Allyl chloride	0.826	0.892	0.711	0.773	0.795	0.801	0.800	7.44
15) T	Acrylonitrile	0.232	0.262	0.235	0.253	0.259	0.261	0.250	5.44
16) T	Acetone	0.207	0.197	0.176	0.188	0.190	0.188	0.191	5.25
17) T	Carbon Disulfide	1.868	1.607	1.185	1.217	1.252	1.257	1.397	19.84
18) T	Methyl Acetate	0.584	0.614	0.541	0.556	0.573	0.580	0.575	4.34
19) T	Methyl tert-butyl	1.446	1.631	1.450	1.574	1.615	1.615	1.555	5.47
20) T	Methylene Chlorid	0.721	0.683	0.544	0.542	0.553	0.549	0.599	13.57
21) T	trans-1,2-Dichlor	0.588	0.612	0.489	0.511	0.518	0.514	0.538	9.15
22) T	Diisopropyl ether	1.479	1.713	1.524	1.620	1.639	1.629	1.601	5.30
23) T	Vinyl Acetate	1.091	1.359	1.219	1.322	1.347	1.342	1.280	8.23
24) P	1,1-Dichloroethan	0.915	1.083	0.897	0.944	0.952	0.949	0.957	6.86
25) T	2-Butanone	0.272	0.317	0.296	0.324	0.322	0.327	0.310	6.97
26) T	2,2-Dichloropropa	0.848	0.942	0.772	0.805	0.812	0.799	0.830	7.25
27) T	cis-1,2-Dichloroe	0.592	0.683	0.565	0.589	0.602	0.603	0.606	6.66
28) T	Bromochloromethan	0.413	0.492	0.420	0.427	0.434	0.438	0.438	6.46
29) T	Tetrahydrofuran	0.194	0.222	0.208	0.220	0.219	0.219	0.214	5.06
30) C	Chloroform	0.995	1.133	0.916	0.954	0.966	0.956	0.986	7.70#
31) T	Cyclohexane		1.016	0.722	0.758	0.775	0.779	0.810	14.48
32) T	1,1,1-Trichloroet	0.817	0.970	0.789	0.825	0.846	0.836	0.847	7.46
33) S	1,2-Dichloroethan		0.640	0.533	0.554	0.580	0.599	0.581	7.13

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.321	0.283	0.288	0.298	0.306	0.299	5.04
36) T	1,1-Dichloroprope	0.437	0.505	0.435	0.460	0.476	0.468	0.463	5.70
37) T	Ethyl Acetate	0.434	0.465	0.429	0.448	0.455	0.448	0.446	2.96
38) T	Carbon Tetrachlor	0.444	0.530	0.455	0.481	0.495	0.489	0.482	6.33
39) T	Methylcyclohexane	0.463	0.532	0.447	0.493	0.533	0.525	0.499	7.49
40) TM	Benzene	1.397	1.545	1.329	1.394	1.435	1.420	1.420	5.02
41) T	Methacrylonitrile	0.206	0.178	0.215	0.186	0.234	0.217	0.206	10.11
42) TM	1,2-Dichloroethan	0.469	0.540	0.457	0.465	0.477	0.466	0.479	6.41
43) T	Isopropyl Acetate	0.637	0.749	0.689	0.730	0.755	0.750	0.718	6.50
44) TM	Trichloroethene	0.453	0.460	0.381	0.404	0.411	0.406	0.419	7.31
45) C	1,2-Dichloropropa	0.354	0.384	0.346	0.365	0.381	0.376	0.368	4.18#
46) T	Dibromomethane	0.235	0.263	0.233	0.243	0.254	0.247	0.246	4.67
47) T	Bromodichlorometh	0.459	0.531	0.463	0.494	0.511	0.508	0.494	5.74
48) T	Methyl methacryla	0.294	0.354	0.323	0.358	0.362	0.369	0.343	8.40
49) T	1,4-Dioxane	0.006	0.007	0.006	0.007	0.007	0.007	0.006	4.19
50) S	Toluene-d8		1.249	1.116	1.180	1.265	1.301	1.222	6.06
51) T	4-Methyl-2-Pentan	0.363	0.438	0.424	0.448	0.458	0.456	0.431	8.24
52) CM	Toluene	0.807	0.930	0.827	0.876	0.913	0.894	0.875	5.55#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.521	0.572	0.505	0.546	0.579	0.581	0.551	5.84
54) T	cis-1,3-Dichlorop	0.514	0.620	0.549	0.599	0.633	0.626	0.590	8.14
55) T	1,1,2-Trichloroet	0.370	0.391	0.334	0.347	0.361	0.355	0.360	5.52
56) T	Ethyl methacrylat	0.395	0.487	0.454	0.527	0.553	0.562	0.496	12.94
57) T	1,3-Dichloropropa	0.583	0.623	0.554	0.590	0.608	0.602	0.593	4.00
58) T	2-Chloroethyl Vin	0.236	0.259	0.251	0.292	0.299	0.301	0.273	10.20
59) T	2-Hexanone	0.250	0.302	0.304	0.328	0.338	0.341	0.310	10.98
60) T	Dibromochlorometh	0.366	0.411	0.369	0.407	0.421	0.424	0.400	6.37
61) T	1,2-Dibromoethane	0.335	0.388	0.347	0.367	0.380	0.375	0.365	5.62
62) S	4-Bromofluorobenz		0.432	0.382	0.421	0.466	0.486	0.437	9.24
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.516	0.581	0.450	0.470	0.462	0.441	0.486	10.88
65) PM	Chlorobenzene	1.093	1.171	0.985	1.033	1.091	1.068	1.074	5.85
66) T	1,1,1,2-Tetrachlo	0.359	0.425	0.375	0.396	0.411	0.402	0.395	6.11
67) C	Ethyl Benzene	1.642	1.892	1.647	1.811	1.901	1.869	1.794	6.68#
68) T	m/p-Xylenes	0.583	0.702	0.637	0.695	0.736	0.723	0.679	8.58
69) T	o-Xylene	0.532	0.663	0.616	0.663	0.699	0.695	0.644	9.74
70) T	Styrene	0.855	1.088	1.033	1.134	1.215	1.202	1.088	12.24
71) P	Bromoform	0.301	0.334	0.283	0.312	0.329	0.332	0.315	6.43
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.318	3.548	3.308	3.566	3.609	3.518	3.478	3.77
74) T	N-amyl acetate	1.174	1.365	1.332	1.427	1.461	1.453	1.369	7.89
75) P	1,1,2,2-Tetrachlo	0.994	1.142	0.969	0.997	1.006	1.008	1.019	6.02
76) T	1,2,3-Trichloropr	1.301	1.109	0.975	1.088	0.995	0.994	1.077	11.42
77) T	Bromobenzene	1.031	0.998	0.885	0.909	0.911	0.890	0.938	6.56
78) T	n-propylbenzene	3.630	4.052	3.729	4.099	4.183	4.080	3.962	5.69
79) T	2-Chlorotoluene	2.508	2.604	2.266	2.434	2.470	2.413	2.449	4.57
80) T	1,3,5-Trimethylbe	2.352	2.969	2.825	3.043	3.108	3.048	2.891	9.73
81) T	trans-1,4-Dichlor		0.355	0.362	0.410	0.419	0.418	0.393	8.06
82) T	4-Chlorotoluene	2.644	2.687	2.402	2.548	2.593	2.528	2.567	3.89
83) T	tert-Butylbenzene	2.204	2.446	2.277	2.491	2.584	2.536	2.423	6.20
84) T	1,2,4-Trimethylbe	2.396	2.959	2.891	3.040	3.135	3.117	2.923	9.39
85) T	sec-Butylbenzene	2.840	3.252	3.052	3.328	3.452	3.378	3.217	7.15
86) T	p-Isopropyltoluen	2.323	2.887	2.843	3.109	3.226	3.187	2.929	11.46
87) T	1,3-Dichlorobenze	1.699	1.804	1.558	1.623	1.662	1.649	1.666	4.95
88) T	1,4-Dichlorobenze	2.179	1.869	1.543	1.642	1.669	1.668	1.762	13.06
89) T	n-Butylbenzene	2.356	2.526	2.329	2.615	2.797	2.810	2.572	8.10
90) T	Hexachloroethane	0.446	0.503	0.471	0.527	0.548	0.558	0.509	8.68
91) T	1,2-Dichlorobenze	1.729	1.744	1.522	1.590	1.620	1.609	1.636	5.22
92) T	1,2-Dibromo-3-Chl	0.232	0.239	0.217	0.226	0.231	0.232	0.229	3.17
93) T	1,2,4-Trichlorobe	1.252	0.950	0.883	0.960	1.007	1.018	1.012	12.57
94) T	Hexachlorobutadie	0.727	0.528	0.423	0.440	0.459	0.459	0.506	22.51
95) T	Naphthalene	3.655	2.614	2.657	2.956	3.130	3.175	3.031	12.69
96) T	1,2,3-Trichlorobe	1.319	0.917	0.848	0.924	0.970	0.987	0.994	16.73

(#) = Out of Range