

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N080520W.M
 Title : SW846 8260
 Last Update : Wed Aug 05 13:26:42 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN062753.D 5 =VN062754.D 20 =VN062755.D
 50 =VN062756.D 100 =VN062757.D 150 =VN062758.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.665	0.669	0.734	0.760	0.738	0.730	0.716	5.50
3) P	Chloromethane	0.732	0.694	0.612	0.660	0.668	0.688	0.676	5.93
4) C	Vinyl Chloride	0.626	0.640	0.622	0.647	0.632	0.635	0.634	1.44#
5) T	Bromomethane		0.490	0.388	0.392	0.400	0.428	0.419	10.10
6) T	Chloroethane	0.446	0.451	0.389	0.415	0.388	0.412	0.417	6.43
7) T	Trichlorofluorome	1.238	1.212	1.065	1.105	1.106	1.054	1.130	6.81
8) T	Diethyl Ether	0.333	0.369	0.292	0.321	0.314	0.312	0.323	8.04
9) T	1,1,2-Trichlorotr	0.606	0.600	0.436	0.461	0.460	0.447	0.502	15.76
10) T	Methyl Iodide		0.484	0.483	0.577	0.595	0.601	0.548	10.90
11) T	Tert butyl alcoho		0.141	0.129	0.138	0.137	0.132	0.136	3.77
12) CM	1,1-Dichloroethen	0.602	0.568	0.408	0.437	0.429	0.415	0.476	17.92#
13) T	Acrolein		0.096	0.069	0.080	0.081	0.085	0.082	11.71
14) T	Allyl chloride	1.002	1.012	0.750	0.821	0.841	0.826	0.875	12.22
15) T	Acrylonitrile	0.284	0.327	0.299	0.326	0.328	0.322	0.314	5.79
16) T	Acetone	0.356	0.314	0.283	0.287	0.283	0.271	0.299	10.52
17) T	Carbon Disulfide	1.912	1.747	1.160	1.215	1.198	1.194	1.404	23.78
18) T	Methyl Acetate	1.108	0.827	0.696	0.736	0.702	0.692	0.794	20.43
19) T	Methyl tert-butyl	1.923	1.958	1.811	1.994	1.990	1.947	1.937	3.48
20) T	Methylene Chlorid	0.804	0.682	0.526	0.552	0.551	0.538	0.609	18.31
21) T	trans-1,2-Dichlor	0.523	0.602	0.460	0.478	0.473	0.466	0.500	10.91
22) T	Diisopropyl ether	1.805	1.924	1.805	1.914	1.888	1.845	1.864	2.85
23) T	Vinyl Acetate	1.502	1.614	1.260	1.384	1.384	1.359	1.417	8.71
24) P	1,1-Dichloroethan	1.211	1.282	0.989	1.050	1.023	0.997	1.092	11.33
25) T	2-Butanone	0.408	0.433	0.404	0.436	0.434	0.422	0.423	3.30
26) T	2,2-Dichloropropa	1.260	1.106	0.905	0.952	0.928	0.889	1.007	14.54
27) T	cis-1,2-Dichloroe	0.691	0.651	0.538	0.576	0.578	0.567	0.600	9.70
28) T	Bromochloromethan	0.524	0.551	0.504	0.504	0.542	0.538	0.527	3.76
29) T	Tetrahydrofuran	0.263	0.282	0.259	0.289	0.283	0.273	0.275	4.32
30) C	Chloroform	1.308	1.316	1.064	1.117	1.093	1.065	1.161	10.26#
31) T	Cyclohexane		1.201	0.919	0.965	0.971	0.957	1.002	11.25
32) T	1,1,1-Trichloroet	1.096	1.203	0.956	1.028	0.986	0.958	1.038	9.31
33) S	1,2-Dichloroethan		0.916	0.771	0.794	0.834	0.819	0.827	6.72
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.371	0.317	0.332	0.349	0.342	0.342	5.86
36) T	1,1-Dichloroprope	0.533	0.541	0.432	0.481	0.472	0.462	0.487	8.67
37) T	Ethyl Acetate	0.515	0.569	0.479	0.508	0.498	0.482	0.509	6.46
38) T	Carbon Tetrachlor	0.666	0.643	0.527	0.546	0.545	0.527	0.576	10.80
39) T	Methylcyclohexane	0.603	0.582	0.533	0.581	0.613	0.602	0.586	4.90
40) TM	Benzene	1.634	1.636	1.318	1.393	1.395	1.341	1.453	9.94
41) T	Methacrylonitrile	0.230	0.243	0.189	0.253	0.234	0.228	0.229	9.48
42) TM	1,2-Dichloroethan	0.658	0.699	0.578	0.607	0.601	0.568	0.618	8.15
43) T	Isopropyl Acetate	0.867	0.917	0.771	0.843	0.856	0.835	0.848	5.60
44) TM	Trichloroethene	0.394	0.403	0.322	0.337	0.335	0.333	0.354	9.89
45) C	1,2-Dichloropropa	0.409	0.431	0.367	0.391	0.385	0.378	0.393	5.87#
46) T	Dibromomethane	0.255	0.292	0.238	0.255	0.257	0.248	0.258	7.19
47) T	Bromodichlorometh	0.575	0.612	0.552	0.586	0.580	0.567	0.579	3.46
48) T	Methyl methacryla	0.401	0.443	0.384	0.423	0.430	0.421	0.417	5.09
49) T	1,4-Dioxane	0.007	0.008	0.007	0.008	0.008	0.008	0.008	7.98
50) S	Toluene-d8		1.387	1.225	1.301	1.388	1.375	1.335	5.35
51) T	4-Methyl-2-Pentan	0.481	0.562	0.534	0.570	0.579	0.568	0.549	6.70
52) CM	Toluene	0.901	0.986	0.826	0.896	0.896	0.877	0.897	5.78#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.617	0.657	0.585	0.648	0.663	0.648	0.636	4.67
54) T	cis-1,3-Dichlorop	0.614	0.673	0.608	0.639	0.656	0.645	0.639	3.90
55) T	1,1,2-Trichloroet	0.455	0.392	0.357	0.368	0.369	0.358	0.383	9.76
56) T	Ethyl methacrylat	0.463	0.565	0.531	0.620	0.636	0.645	0.577	12.31
57) T	1,3-Dichloropropa	0.655	0.696	0.614	0.656	0.649	0.635	0.651	4.18
58) T	2-Chloroethyl Vin	0.133	0.171	0.150	0.166	0.178	0.179	0.163	10.99
59) T	2-Hexanone	0.346	0.406	0.390	0.434	0.447	0.433	0.409	9.18
60) T	Dibromochlorometh	0.418	0.459	0.413	0.442	0.449	0.443	0.437	4.08
61) T	1,2-Dibromoethane	0.372	0.407	0.349	0.377	0.385	0.379	0.378	4.99
62) S	4-Bromofluorobenz		0.473	0.443	0.499	0.547	0.561	0.505	9.79
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.358	0.379	0.292	0.315	0.303	0.290	0.323	11.47
65) PM	Chlorobenzene	1.127	1.147	0.939	1.036	1.034	0.987	1.045	7.66
66) T	1,1,1,2-Tetrachlo	0.417	0.470	0.389	0.423	0.418	0.402	0.420	6.58
67) C	Ethyl Benzene	1.813	1.989	1.692	1.924	1.941	1.862	1.870	5.72#
68) T	m/p-Xylenes	0.645	0.702	0.624	0.711	0.708	0.684	0.679	5.37
69) T	o-Xylene	0.521	0.675	0.588	0.684	0.681	0.668	0.636	10.53
70) T	Styrene	0.917	1.081	1.054	1.213	1.244	1.200	1.118	11.12
71) P	Bromoform	0.364	0.345	0.308	0.351	0.353	0.338	0.343	5.57
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.764	4.181	3.677	3.824	3.642	3.501	3.765	6.17
74) T	N-amyl acetate	1.295	1.485	1.506	1.649	1.638	1.582	1.526	8.61
75) P	1,1,2,2-Tetrachlo	1.614	1.508	1.276	1.254	1.182	1.117	1.325	14.64
76) T	1,2,3-Trichloropr	1.552	1.566	1.266	1.294	1.240	1.172	1.348	12.48
77) T	Bromobenzene	1.069	1.049	0.896	0.897	0.858	0.843	0.935	10.49
78) T	n-propylbenzene	4.400	4.798	4.237	4.489	4.358	4.235	4.420	4.74
79) T	2-Chlorotoluene	2.945	3.100	2.647	2.750	2.639	2.548	2.771	7.59
80) T	1,3,5-Trimethylbe	3.073	3.516	3.157	3.388	3.261	3.203	3.266	4.95
81) T	trans-1,4-Dichlor		0.448	0.427	0.460	0.444	0.430	0.442	3.05
82) T	4-Chlorotoluene	2.957	3.113	2.706	2.859	2.787	2.715	2.856	5.50
83) T	tert-Butylbenzene	2.675	3.034	2.672	2.822	2.718	2.662	2.764	5.24
84) T	1,2,4-Trimethylbe	2.611	3.328	3.006	3.316	3.278	3.211	3.125	8.90
85) T	sec-Butylbenzene	3.426	3.902	3.509	3.727	3.658	3.555	3.629	4.70
86) T	p-Isopropyltoluen	2.871	3.317	3.066	3.393	3.366	3.316	3.222	6.45
87) T	1,3-Dichlorobenze	1.852	1.771	1.551	1.679	1.604	1.570	1.671	7.19
88) T	1,4-Dichlorobenze	1.960	1.753	1.540	1.633	1.611	1.561	1.676	9.40
89) T	n-Butylbenzene	2.487	2.704	2.409	2.800	2.992	2.957	2.725	8.81
90) T	Hexachloroethane	0.786	0.816	0.630	0.665	0.639	0.631	0.694	12.11
91) T	1,2-Dichlorobenze	1.628	1.657	1.475	1.588	1.559	1.494	1.567	4.62
92) T	1,2-Dibromo-3-Chl	0.264	0.303	0.271	0.293	0.296	0.280	0.285	5.39
93) T	1,2,4-Trichlorobe	0.647	0.561	0.665	0.766	0.873	0.890	0.734	17.95
94) T	Hexachlorobutadie	0.693	0.596	0.491	0.514	0.499	0.475	0.545	15.42
95) T	Naphthalene	1.616	1.321	1.725	2.067	2.430	2.434	1.932	23.53
96) T	1,2,3-Trichlorobe	0.530	0.578	0.668	0.777	0.865	0.863	0.714	20.16

(#) = Out of Range