

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N092719W.M
 Title : SW846 8260
 Last Update : Mon Sep 30 08:07:38 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN058399.D 5 =VN058400.D 20 =VN058401.D
 50 =VN058402.D 100 =VN058403.D 150 =VN058404.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.545	0.562	0.568	0.555	0.563	0.498	0.548	4.76
3) P	Chloromethane	0.718	0.599	0.603	0.581	0.595	0.520	0.603	10.71
4) C	Vinyl Chloride	0.630	0.604	0.604	0.583	0.599	0.523	0.590	6.16#
5) T	Bromomethane		0.327	0.316	0.312	0.326	0.287	0.314	5.10
6) T	Chloroethane	0.378	0.378	0.372	0.351	0.346	0.298	0.354	8.66
7) T	Trichlorofluorome	0.766	0.725	0.731	0.719	0.714	0.620	0.713	6.89
8) T	Diethyl Ether	0.299	0.324	0.323	0.312	0.313	0.274	0.307	6.01
9) T	1,1,2-Trichlorotr	0.503	0.496	0.507	0.489	0.486	0.421	0.484	6.54
10) T	Methyl Iodide		0.435	0.523	0.566	0.620	0.540	0.537	12.62
11) T	Tert butyl alcoho		0.083	0.084	0.080	0.083	0.075	0.081	4.70
12) CM	1,1-Dichloroethen	0.477	0.489	0.492	0.480	0.475	0.417	0.472	5.83#
13) T	Acrolein		0.025	0.024	0.023	0.032	0.025	0.026	13.38
14) T	Allyl chloride	0.879	0.839	0.874	0.871	0.897	0.790	0.858	4.47
15) T	Acrylonitrile	0.226	0.236	0.251	0.240	0.252	0.215	0.237	6.02
16) T	Acetone	0.261	0.257	0.274	0.251	0.246	0.205	0.249	9.38
17) T	Carbon Disulfide	1.219	1.163	1.220	1.280	1.365	1.214	1.243	5.64
18) T	Methyl Acetate	0.789	0.636	0.604	0.596	0.610	0.524	0.626	14.05
19) T	Methyl tert-butyl	1.690	1.698	1.713	1.683	1.719	1.483	1.664	5.39
20) T	Methylene Chlorid	0.688	0.604	0.578	0.545	0.553	0.481	0.575	11.99
21) T	trans-1,2-Dichlor	0.538	0.539	0.541	0.527	0.535	0.467	0.525	5.46
22) T	Diisopropyl ether	1.930	1.829	1.881	1.845	1.938	1.660	1.847	5.50
23) T	Vinyl Acetate	1.266	1.408	1.527	1.530	1.440	1.186	1.393	10.05
24) P	1,1-Dichloroethan	1.070	1.065	1.070	1.046	1.061	0.925	1.040	5.47
25) T	2-Butanone	0.338	0.346	0.361	0.350	0.356	0.302	0.342	6.22
26) T	2,2-Dichloropropa	0.858	0.839	0.883	0.873	0.906	0.769	0.855	5.56
27) T	cis-1,2-Dichloroe	0.641	0.632	0.626	0.619	0.620	0.539	0.613	6.06
28) T	Bromochloromethan	0.422	0.374	0.443	0.424	0.415	0.414	0.416	5.44
29) T	Tetrahydrofuran	0.221	0.218	0.224	0.221	0.226	0.193	0.217	5.49
30) C	Chloroform	1.132	1.076	1.079	1.050	1.059	0.925	1.053	6.56#
31) T	Cyclohexane		1.209	1.028	0.984	0.988	0.847	1.011	12.86
32) T	1,1,1-Trichloroet	0.834	0.856	0.883	0.896	0.924	0.798	0.865	5.27
33) S	1,2-Dichloroethan		0.730	0.758	0.739	0.732	0.695	0.731	3.10
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.283	0.316	0.314	0.315	0.305	0.306	4.51
36) T	1,1-Dichloroprope	0.491	0.489	0.484	0.482	0.494	0.429	0.478	5.11
37) T	Ethyl Acetate	0.351	0.407	0.437	0.425	0.437	0.375	0.405	8.70
38) T	Carbon Tetrachlor	0.397	0.428	0.442	0.447	0.468	0.409	0.432	6.05
39) T	Methylcyclohexane	0.582	0.568	0.563	0.563	0.575	0.499	0.558	5.37
40) TM	Benzene	1.441	1.433	1.396	1.387	1.390	1.199	1.374	6.46
41) T	Methacrylonitrile	0.179	0.176	0.222	0.189	0.198	0.155	0.186	12.15
42) TM	1,2-Dichloroethan	0.576	0.555	0.544	0.528	0.536	0.469	0.535	6.79
43) T	Isopropyl Acetate	0.924	0.747	0.727	0.741	0.770	0.664	0.762	11.39
44) TM	Trichloroethene	0.355	0.339	0.345	0.346	0.349	0.302	0.339	5.58
45) C	1,2-Dichloropropa	0.388	0.366	0.382	0.373	0.377	0.325	0.369	6.11#
46) T	Dibromomethane	0.242	0.239	0.236	0.235	0.241	0.208	0.233	5.37
47) T	Bromodichlorometh	0.412	0.416	0.446	0.464	0.488	0.428	0.442	6.67
48) T	Methyl methacryla	0.364	0.344	0.341	0.352	0.367	0.316	0.347	5.32
49) T	1,4-Dioxane	0.004	0.004	0.005	0.005	0.005	0.005	0.005	8.94
50) S	Toluene-d8		1.143	1.246	1.236	1.225	1.153	1.200	4.05
51) T	4-Methyl-2-Pentan	0.380	0.405	0.425	0.418	0.396	0.326	0.392	9.21
52) CM	Toluene	0.974	0.865	0.868	0.853	0.877	0.753	0.865	8.12#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.416	0.422	0.478	0.527	0.559	0.486	0.481	11.74
54) T	cis-1,3-Dichlorop	0.452	0.498	0.549	0.578	0.602	0.527	0.534	10.24
55) T	1,1,2-Trichloroet	0.313	0.322	0.321	0.322	0.327	0.285	0.315	4.93
56) T	Ethyl methacrylat	0.427	0.444	0.487	0.507	0.537	0.466	0.478	8.53
57) T	1,3-Dichloropropa	0.545	0.582	0.573	0.576	0.586	0.508	0.562	5.34
58) T	2-Chloroethyl Vin	0.160	0.181	0.201	0.205	0.215	0.183	0.191	10.39
59) T	2-Hexanone	0.258	0.287	0.310	0.304	0.301	0.250	0.285	8.85
60) T	Dibromochlorometh	0.237	0.258	0.301	0.330	0.359	0.309	0.299	15.09
61) T	1,2-Dibromoethane	0.309	0.315	0.334	0.334	0.344	0.296	0.322	5.67
62) S	4-Bromofluorobenz		0.398	0.433	0.444	0.458	0.438	0.434	5.08
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.336	0.334	0.322	0.316	0.320	0.277	0.318	6.65
65) PM	Chlorobenzene	1.043	1.027	1.003	1.001	1.016	0.872	0.994	6.19
66) T	1,1,1,2-Tetrachlo	0.313	0.315	0.339	0.354	0.368	0.320	0.335	6.79
67) C	Ethyl Benzene	1.894	1.839	1.892	1.867	1.803	1.506	1.800	8.24#
68) T	m/p-Xylenes	0.701	0.679	0.691	0.695	0.702	0.597	0.677	5.92
69) T	o-Xylene	0.659	0.654	0.674	0.668	0.677	0.580	0.652	5.58
70) T	Styrene	0.974	1.004	1.096	1.127	1.161	0.992	1.059	7.44
71) P	Bromoform	0.160	0.177	0.197	0.225	0.256	0.225	0.207	17.07
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.852	3.991	3.938	3.775	3.578	3.037	3.695	9.56
74) T	N-amyl acetate	1.335	1.467	1.504	1.536	1.593	1.384	1.470	6.55
75) P	1,1,2,2-Tetrachlo	1.173	1.160	1.141	1.075	1.079	0.928	1.093	8.29
76) T	1,2,3-Trichloropr	0.907	1.017	0.974	0.933	0.885	0.764	0.913	9.55
77) T	Bromobenzene	0.938	0.898	0.889	0.862	0.863	0.748	0.866	7.40
78) T	n-propylbenzene	4.203	4.444	4.481	4.398	4.060	3.392	4.163	9.86
79) T	2-Chlorotoluene	2.750	2.686	2.631	2.577	2.561	2.213	2.570	7.33
80) T	1,3,5-Trimethylbe	3.074	3.256	3.284	3.211	3.094	2.641	3.093	7.68
81) T	trans-1,4-Dichlor		0.245	0.289	0.319	0.348	0.303	0.301	12.67
82) T	4-Chlorotoluene	2.690	2.688	2.735	2.663	2.653	2.303	2.622	6.06
83) T	tert-Butylbenzene	2.580	2.811	2.740	2.673	2.616	2.241	2.610	7.63
84) T	1,2,4-Trimethylbe	3.152	3.220	3.289	3.217	3.094	2.623	3.099	7.83
85) T	sec-Butylbenzene	3.509	3.523	3.634	3.594	3.442	2.909	3.435	7.76
86) T	p-Isopropyltoluen	2.844	3.126	3.195	3.205	3.115	2.657	3.024	7.36
87) T	1,3-Dichlorobenze	1.734	1.555	1.598	1.573	1.582	1.385	1.571	7.10
88) T	1,4-Dichlorobenze	1.640	1.616	1.582	1.572	1.583	1.385	1.563	5.81
89) T	n-Butylbenzene	2.648	2.763	2.868	2.828	2.859	2.470	2.739	5.66
90) T	Hexachloroethane	0.366	0.412	0.471	0.492	0.526	0.459	0.454	12.61
91) T	1,2-Dichlorobenze	1.493	1.575	1.575	1.522	1.545	1.347	1.510	5.68
92) T	1,2-Dibromo-3-Chl	0.159	0.183	0.205	0.199	0.220	0.189	0.193	10.83
93) T	1,2,4-Trichlorobe	0.662	0.736	0.863	0.906	0.971	0.867	0.834	13.69
94) T	Hexachlorobutadie	0.474	0.436	0.431	0.424	0.426	0.382	0.429	6.81
95) T	Naphthalene	1.613	1.717	2.234	2.473	2.655	2.348	2.173	19.29
96) T	1,2,3-Trichlorobe	0.580	0.643	0.775	0.837	0.904	0.807	0.758	16.18

(#) = Out of Range