

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N052820W.M
 Title : SW846 8260
 Last Update : Fri May 29 02:14:10 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN061538.D 5 =VN061539.D 20 =VN061540.D
 50 =VN061541.D 100 =VN061542.D 150 =VN061543.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.399	0.448	0.551	0.565	0.586	0.587	0.523	15.23
3) P	Chloromethane	0.658	0.626	0.619	0.614	0.588	0.555	0.610	5.74
4) C	Vinyl Chloride	0.818	0.858	0.853	0.843	0.829	0.812	0.836	2.23#
5) T	Bromomethane		0.511	0.495	0.489	0.461	0.442	0.480	5.75
6) T	Chloroethane	0.576	0.586	0.534	0.527	0.510	0.495	0.538	6.72
7) T	Trichlorofluorome	1.129	1.204	1.064	1.068	1.016	0.984	1.078	7.37
8) T	Diethyl Ether	0.362	0.385	0.304	0.310	0.309	0.308	0.330	10.52
9) T	1,1,2-Trichlorotr	0.507	0.536	0.460	0.457	0.455	0.454	0.478	7.25
10) T	Methyl Iodide		0.688	0.639	0.656	0.659	0.676	0.664	2.85
11) T	Tert butyl alcoho		0.089	0.075	0.077	0.077	0.078	0.079	7.24
12) CM	1,1-Dichloroethen	0.579	0.575	0.474	0.478	0.481	0.477	0.511	10.05#
13) T	Acrolein		0.064	0.023	0.023	0.022	0.021	0.030	61.18
14) T	Allyl chloride	0.745	0.772	0.638	0.639	0.632	0.582	0.668	11.05
15) T	Acrylonitrile	0.217	0.236	0.214	0.220	0.220	0.220	0.221	3.48
16) T	Acetone	0.380	0.233	0.165	0.165	0.159	0.163	0.211	41.51
17) T	Carbon Disulfide	1.295	1.236	1.132	1.059	1.013	1.009	1.124	10.63
18) T	Methyl Acetate	0.632	0.564	0.508	0.519	0.505	0.507	0.539	9.40
19) T	Methyl tert-butyl	1.907	1.953	1.643	1.662	1.648	1.635	1.741	8.46
20) T	Methylene Chlorid	1.427	0.812	0.539	0.541	0.535	0.528	0.730	49.15
21) T	trans-1,2-Dichlor	0.656	0.638	0.533	0.536	0.543	0.550	0.576	9.65
22) T	Diisopropyl ether	1.510	1.635	1.417	1.444	1.417	1.411	1.472	5.95
23) T	Vinyl Acetate	1.202	1.308	1.146	1.179	1.128	1.078	1.173	6.71
24) P	1,1-Dichloroethan	0.996	1.057	0.889	0.903	0.884	0.872	0.934	8.04
25) T	2-Butanone	0.301	0.322	0.262	0.273	0.268	0.268	0.282	8.44
26) T	2,2-Dichloropropa	1.007	1.011	0.792	0.791	0.772	0.754	0.854	14.10
27) T	cis-1,2-Dichloroe	0.652	0.741	0.627	0.639	0.631	0.625	0.652	6.82
28) T	Bromochloromethan	0.545	0.454	0.377	0.353	0.343	0.344	0.403	20.20
29) T	Tetrahydrofuran	0.195	0.202	0.179	0.182	0.180	0.179	0.186	5.33
30) C	Chloroform	1.103	1.136	0.988	1.004	0.984	0.982	1.033	6.62#
31) T	Cyclohexane		1.030	0.806	0.812	0.782	0.768	0.840	12.84
32) T	1,1,1-Trichloroet	0.987	1.041	0.900	0.914	0.909	0.896	0.941	6.32
33) S	1,2-Dichloroethan		0.611	0.593	0.599	0.582	0.593	0.596	1.79
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.284	0.267	0.258	0.243	0.215	0.254	10.28
36) T	1,1-Dichloroprope	0.442	0.473	0.410	0.434	0.449	0.448	0.443	4.62
37) T	Ethyl Acetate	0.297	0.395	0.349	0.364	0.367	0.367	0.357	9.16
38) T	Carbon Tetrachlor	0.364	0.448	0.392	0.430	0.464	0.465	0.427	9.60
39) T	Methylcyclohexane	0.537	0.563	0.514	0.538	0.564	0.557	0.546	3.56
40) TM	Benzene	1.416	1.481	1.255	1.316	1.370	1.357	1.366	5.72
41) T	Methacrylonitrile	0.190	0.169	0.161	0.143	0.165	0.153	0.163	9.76
42) TM	1,2-Dichloroethan	0.480	0.499	0.421	0.439	0.453	0.450	0.457	6.20
43) T	Isopropyl Acetate	0.647	0.705	0.581	0.625	0.643	0.647	0.641	6.26
44) TM	Trichloroethene	0.415	0.432	0.391	0.417	0.431	0.432	0.420	3.77
45) C	1,2-Dichloropropa	0.318	0.368	0.298	0.317	0.324	0.322	0.324	7.13#
46) T	Dibromomethane	0.272	0.257	0.228	0.240	0.246	0.249	0.249	6.04
47) T	Bromodichlorometh	0.464	0.544	0.457	0.486	0.505	0.501	0.493	6.47
48) T	Methyl methacryla	0.330	0.302	0.254	0.273	0.285	0.287	0.289	8.99
49) T	1,4-Dioxane	0.005	0.005	0.004	0.004	0.004	0.005	0.004	11.59
50) S	Toluene-d8		1.064	1.145	1.190	1.231	1.247	1.175	6.27
51) T	4-Methyl-2-Pentan	0.355	0.395	0.335	0.361	0.367	0.355	0.361	5.41
52) CM	Toluene	0.871	0.938	0.824	0.879	0.919	0.916	0.891	4.65#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.507	0.555	0.484	0.526	0.557	0.556	0.531	5.76
54) T	cis-1,3-Dichlorop	0.553	0.624	0.522	0.557	0.583	0.585	0.571	6.07
55) T	1,1,2-Trichloroet	0.359	0.392	0.324	0.343	0.360	0.354	0.355	6.30
56) T	Ethyl methacrylat	0.445	0.511	0.449	0.503	0.531	0.538	0.496	8.08
57) T	1,3-Dichloropropa	0.569	0.610	0.529	0.556	0.572	0.572	0.568	4.63
58) T	2-Chloroethyl Vin	0.162	0.233	0.202	0.211	0.232	0.232	0.212	13.07
59) T	2-Hexanone	0.247	0.279	0.236	0.260	0.270	0.265	0.260	5.95
60) T	Dibromochlorometh	0.358	0.417	0.366	0.407	0.435	0.438	0.404	8.46
61) T	1,2-Dibromoethane	0.347	0.397	0.340	0.367	0.386	0.385	0.370	6.26
62) S	4-Bromofluorobenz		0.404	0.399	0.426	0.450	0.465	0.429	6.64
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.475	0.481	0.428	0.461	0.485	0.494	0.471	5.01
65) PM	Chlorobenzene	1.034	1.124	0.973	1.008	1.050	1.046	1.039	4.88
66) T	1,1,1,2-Tetrachlo	0.387	0.411	0.353	0.382	0.392	0.397	0.387	5.03
67) C	Ethyl Benzene	1.793	1.966	1.700	1.765	1.803	1.751	1.796	5.07#
68) T	m/p-Xylenes	0.684	0.774	0.667	0.702	0.726	0.722	0.712	5.27
69) T	o-Xylene	0.627	0.722	0.639	0.672	0.700	0.698	0.677	5.51
70) T	Stvrene	0.985	1.136	1.058	1.140	1.199	1.204	1.120	7.60
71) P	Bromoform	0.244	0.309	0.262	0.304	0.328	0.341	0.298	12.71
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.833	4.245	3.490	3.470	3.490	3.368	3.649	9.10
74) T	N-amyl acetate	0.966	1.329	1.103	1.135	1.181	1.181	1.149	10.31
75) P	1,1,2,2-Tetrachlo	1.133	1.204	0.958	0.955	0.957	0.928	1.023	11.34
76) T	1,2,3-Trichloropr	1.004	1.096	0.836	0.842	0.836	0.840	0.909	12.44
77) T	Bromobenzene	0.977	1.021	0.844	0.895	0.921	0.931	0.932	6.66
78) T	n-propylbenzene	4.425	4.624	3.865	3.885	3.918	3.727	4.074	8.85
79) T	2-Chlorotoluene	2.659	2.755	2.258	2.286	2.313	2.305	2.429	8.98
80) T	1,3,5-Trimethylbe	3.098	3.483	2.918	2.941	2.965	2.896	3.050	7.33
81) T	trans-1,4-Dichlor		0.387	0.327	0.346	0.355	0.363	0.356	6.13
82) T	4-Chlorotoluene	2.782	2.867	2.366	2.418	2.461	2.440	2.556	8.31
83) T	tert-Butylbenzene	2.934	3.051	2.520	2.548	2.577	2.540	2.695	8.68
84) T	1,2,4-Trimethylbe	2.968	3.464	2.898	2.966	2.970	2.915	3.030	7.08
85) T	sec-Butylbenzene	3.604	3.996	3.280	3.322	3.379	3.254	3.473	8.22
86) T	p-Isopropyltoluen	3.217	3.636	3.023	3.102	3.162	3.048	3.198	7.08
87) T	1,3-Dichlorobenze	1.630	1.844	1.532	1.591	1.651	1.650	1.650	6.38
88) T	1,4-Dichlorobenze	1.765	1.820	1.552	1.606	1.671	1.668	1.680	5.89
89) T	n-Butylbenzene	2.679	2.970	2.510	2.590	2.682	2.640	2.679	5.85
90) T	Hexachloroethane	0.314	0.419	0.311	0.336	0.361	0.382	0.354	11.84
91) T	1,2-Dichlorobenze	1.534	1.775	1.484	1.541	1.567	1.557	1.576	6.43
92) T	1,2-Dibromo-3-Chl	0.230	0.240	0.196	0.196	0.192	0.197	0.209	9.97
93) T	1,2,4-Trichlorobe	0.863	0.893	0.853	0.920	0.985	1.018	0.922	7.26
94) T	Hexachlorobutadie	0.428	0.441	0.339	0.367	0.390	0.394	0.393	9.61
95) T	Naphthalene	2.447	2.767	2.670	2.921	3.001	3.030	2.806	7.97
96) T	1,2,3-Trichlorobe	0.848	0.889	0.849	0.911	0.957	0.985	0.906	6.20

(#) = Out of Range