

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N071818W.M
 Title : SW846 8260
 Last Update : Thu Jul 19 01:58:39 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN049863.D 5 =VN049864.D 20 =VN049865.D
 50 =VN049866.D 100 =VN049867.D 150 =VN049868.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.709	0.657	0.487	0.451	0.448	0.449	0.534	22.12
3) P	Chloromethane	0.866	0.778	0.643	0.612	0.598	0.597	0.682	16.58
4) C	Vinyl Chloride	0.845	0.838	0.708	0.668	0.655	0.654	0.728	12.40#
5) T	Bromomethane	0.631	0.544	0.441	0.408	0.410	0.392	0.471	20.35
6) T	Chloroethane	0.605	0.530	0.459	0.426	0.417	0.414	0.475	16.22
7) T	Trichlorofluorome	1.224	1.148	0.977	0.906	0.881	0.869	1.001	15.02
8) T	Diethyl Ether	0.393	0.366	0.346	0.330	0.328	0.331	0.349	7.46
9) T	1,1,2-Trichlorotr	0.758	0.710	0.602	0.550	0.545	0.536	0.617	15.40
10) T	Methyl Iodide		0.829	0.815	0.822	0.836	0.837	0.828	1.10
11) T	Tert butyl alcoho		0.050	0.047	0.048	0.049	0.051	0.049	2.62
12) CM	1,1-Dichloroethen	0.623	0.592	0.531	0.502	0.500	0.505	0.542	9.75#
13) T	Acrolein		0.021	0.033	0.034	0.034	0.036	0.032	19.77
14) T	Allyl chloride	0.909	0.872	0.816	0.822	0.847	0.862	0.855	4.05
15) T	Acrylonitrile	0.198	0.215	0.217	0.217	0.218	0.226	0.215	4.26
16) T	Acetone	0.249	0.174	0.166	0.158	0.159	0.160	0.178	19.94
17) T	Carbon Disulfide	1.994	1.796	1.540	1.461	1.459	1.483	1.622	13.70
18) T	Methyl Acetate	1.147	0.640	0.584	0.554	0.550	0.555	0.672	35.03
19) T	Methyl tert-butyl	1.350	1.458	1.517	1.518	1.546	1.560	1.492	5.21
20) T	Methylene Chlorid	0.924	0.716	0.640	0.600	0.589	0.591	0.677	19.28
21) T	trans-1,2-Dichlor	0.616	0.607	0.574	0.556	0.548	0.553	0.576	5.09
22) T	Diisopropyl ether	1.463	1.704	1.847	1.802	1.815	1.831	1.744	8.39
23) T	Vinyl Acetate	0.999	1.160	1.246	1.285	1.314	1.336	1.224	10.31
24) P	1,1-Dichloroethan	1.233	1.237	1.122	1.046	1.041	1.037	1.119	8.49
25) T	2-Butanone	0.248	0.246	0.251	0.255	0.260	0.265	0.254	2.82
26) T	2,2-Dichloropropa	0.985	0.928	0.840	0.807	0.835	0.832	0.871	7.99
27) T	cis-1,2-Dichloroe	0.586	0.653	0.644	0.630	0.635	0.641	0.632	3.71
28) T	Bromochloromethan	0.479	0.517	0.522	0.511	0.508	0.496	0.506	3.10
29) T	Tetrahydrofuran	0.140	0.142	0.165	0.170	0.170	0.174	0.160	9.43
30) C	Chloroform	1.270	1.260	1.163	1.083	1.063	1.057	1.149	8.48#
31) T	Cyclohexane	1.654	1.017	0.909	0.881	0.905	0.917	1.047	28.75
32) T	1,1,1-Trichloroet	1.146	1.069	0.973	0.923	0.924	0.924	0.993	9.42
33) S	1,2-Dichloroethan		0.727	0.717	0.676	0.659	0.656	0.687	4.78
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.429	0.439	0.413	0.412	0.405	0.420	3.26
36) T	1,1-Dichloroprope	0.522	0.567	0.559	0.559	0.567	0.561	0.556	3.08
37) T	Ethyl Acetate	0.359	0.362	0.387	0.393	0.394	0.395	0.382	4.36
38) T	Carbon Tetrachlor	0.631	0.631	0.600	0.569	0.574	0.568	0.596	5.04
39) T	Methylcyclohexane	0.538	0.533	0.547	0.581	0.619	0.628	0.574	7.26
40) TM	Benzene	1.660	1.738	1.727	1.671	1.696	1.674	1.694	1.89
41) T	Methacrylonitrile	0.152	0.193	0.177	0.189	0.217	0.221	0.191	13.47
42) TM	1,2-Dichloroethan	0.570	0.592	0.576	0.548	0.543	0.538	0.561	3.83
43) T	Isopropyl Acetate	0.507	0.686	0.703	0.693	0.704	0.707	0.667	11.80
44) TM	Trichloroethene	0.441	0.461	0.452	0.432	0.441	0.439	0.444	2.35
45) C	1,2-Dichloropropa	0.479	0.474	0.458	0.445	0.446	0.440	0.457	3.54#
46) T	Dibromomethane	0.293	0.299	0.282	0.279	0.276	0.272	0.283	3.69
47) T	Bromodichlorometh	0.560	0.602	0.603	0.579	0.590	0.584	0.586	2.78
48) T	Methyl methacryla	0.297	0.304	0.331	0.349	0.355	0.372	0.335	8.88
49) T	1,4-Dioxane	0.004	0.004	0.005	0.005	0.005	0.005	0.005	10.47
50) S	Toluene-d8		1.402	1.558	1.555	1.568	1.564	1.529	4.66
51) T	4-Methyl-2-Pentan	0.265	0.346	0.396	0.405	0.413	0.412	0.373	15.72
52) CM	Toluene	0.812	1.012	1.055	1.055	1.071	1.059	1.011	9.86#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.508	0.538	0.571	0.595	0.629	0.638	0.580	8.82
54) T	cis-1,3-Dichlorop	0.514	0.629	0.644	0.662	0.695	0.700	0.641	10.64
55) T	1,1,2-Trichloroet	0.441	0.438	0.419	0.400	0.407	0.400	0.418	4.42
56) T	Ethyl methacrylat	0.327	0.413	0.488	0.538	0.573	0.581	0.487	20.53
57) T	1,3-Dichloropropa	0.605	0.655	0.668	0.666	0.677	0.675	0.658	4.11
58) T	2-Chloroethyl Vin	0.112	0.192	0.233	0.258	0.268	0.272	0.222	27.70
59) T	2-Hexanone	0.171	0.218	0.261	0.279	0.285	0.287	0.250	18.59
60) T	Dibromochlorometh	0.432	0.453	0.464	0.460	0.469	0.469	0.458	3.07
61) T	1,2-Dibromoethane	0.347	0.375	0.397	0.400	0.411	0.410	0.390	6.34
62) S	4-Bromofluorobenz		0.453	0.506	0.542	0.566	0.566	0.527	9.12
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.484	0.475	0.465	0.425	0.425	0.421	0.449	6.32
65) PM	Chlorobenzene	1.265	1.281	1.276	1.220	1.249	1.248	1.256	1.77
66) T	1,1,1,2-Tetrachlo	0.524	0.497	0.495	0.462	0.471	0.470	0.487	4.75
67) C	Ethyl Benzene	1.693	1.934	2.076	2.121	2.206	2.197	2.038	9.61#
68) T	m/p-Xylenes	0.571	0.724	0.827	0.826	0.844	0.837	0.771	13.99
69) T	o-Xylene	0.561	0.689	0.777	0.788	0.817	0.813	0.741	13.40
70) T	Stvrene	0.777	1.071	1.272	1.322	1.382	1.376	1.200	19.70
71) P	Bromoform	0.297	0.342	0.353	0.357	0.368	0.371	0.348	7.79
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.490	3.793	3.968	3.801	3.882	3.853	3.798	4.30
74) T	N-amyl acetate	0.964	1.100	1.190	1.199	1.235	1.249	1.156	9.31
75) P	1,1,2,2-Tetrachlo	1.395	1.238	1.122	1.036	1.024	1.012	1.138	13.38
76) T	1,2,3-Trichloropr	1.087	0.945	0.941	0.885	0.893	0.876	0.938	8.38
77) T	Bromobenzene	1.123	1.116	1.046	0.990	1.011	1.007	1.049	5.50
78) T	n-propylbenzene	3.797	4.222	4.514	4.421	4.494	4.460	4.318	6.39
79) T	2-Chlorotoluene	2.464	2.773	2.774	2.623	2.649	2.625	2.651	4.34
80) T	1,3,5-Trimethylbe	2.504	2.946	3.278	3.165	3.196	3.176	3.044	9.41
81) T	trans-1,4-Dichlor	0.294	0.277	0.288	0.298	0.316	0.325	0.300	5.98
82) T	4-Chlorotoluene	2.314	2.691	2.804	2.684	2.730	2.736	2.660	6.57
83) T	tert-Butylbenzene	2.399	2.627	2.724	2.738	2.779	2.774	2.673	5.42
84) T	1,2,4-Trimethylbe	2.375	3.018	3.327	3.253	3.263	3.266	3.084	11.78
85) T	sec-Butylbenzene	2.722	3.590	3.781	3.667	3.720	3.717	3.533	11.39
86) T	p-Isopropyltoluen	2.207	2.880	3.218	3.194	3.279	3.292	3.012	14.02
87) T	1,3-Dichlorobenze	1.853	1.891	1.840	1.766	1.800	1.813	1.827	2.39
88) T	1,4-Dichlorobenze	1.996	1.914	1.818	1.727	1.763	1.775	1.832	5.62
89) T	n-Butylbenzene	1.748	2.389	2.485	2.633	2.803	2.861	2.487	16.25
90) T	Hexachloroethane	0.879	0.721	0.638	0.596	0.613	0.609	0.676	16.13
91) T	1,2-Dichlorobenze	1.897	1.854	1.839	1.731	1.734	1.724	1.797	4.22
92) T	1,2-Dibromo-3-Chl	0.210	0.174	0.171	0.160	0.168	0.172	0.176	10.00
93) T	1,2,4-Trichlorobe	0.532	0.621	0.832	0.904	1.002	1.062	0.825	25.46
94) T	Hexachlorobutadie	0.753	0.628	0.560	0.517	0.533	0.541	0.589	15.18
95) T	Naphthalene	0.935	1.145	1.737	2.137	2.436	2.575	1.828	37.08
96) T	1,2,3-Trichlorobe	0.726	0.684	0.853	0.907	0.983	1.017	0.862	15.63

(#) = Out of Range