

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N022019W.M
 Title : SW846 8260
 Last Update : Thu Feb 21 03:36:07 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN053870.D 5 =VN053871.D 20 =VN053872.D
 50 =VN053873.D 100 =VN053874.D 150 =VN053875.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.464	0.460	0.453	0.435	0.379	0.415	0.434	7.51
3) P	Chloromethane	0.576	0.568	0.545	0.558	0.458	0.535	0.540	7.91
4) C	Vinyl Chloride	0.568	0.661	0.590	0.576	0.518	0.564	0.580	8.04#
5) T	Bromomethane	0.480	0.475	0.400	0.407	0.371	0.413	0.425	10.29
6) T	Chloroethane	0.414	0.404	0.365	0.363	0.334	0.369	0.375	7.87
7) T	Trichlorofluorome	0.882	0.890	0.858	0.787	0.732	0.790	0.823	7.64
8) T	Diethyl Ether	0.275	0.312	0.299	0.271	0.283	0.297	0.289	5.42
9) T	1,1,2-Trichlorotr	0.535	0.559	0.510	0.458	0.460	0.455	0.496	9.04
10) T	Methyl Iodide		0.738	0.714	0.746	0.733	0.747	0.736	1.84
11) T	Tert butyl alcoho		0.031	0.032	0.030	0.034	0.033	0.032	5.97
12) CM	1,1-Dichloroethen	0.471	0.496	0.478	0.449	0.446	0.445	0.464	4.52#
13) T	Acrolein		0.027	0.005	0.033	0.014	0.035	0.023	55.40
14) T	Allyl chloride	0.616	0.769	0.697	0.702	0.712	0.717	0.702	7.05
15) T	Acrylonitrile	0.126	0.172	0.165	0.164	0.169	0.167	0.161	10.69
16) T	Acetone	0.142	0.161	0.150	0.132	0.132	0.125	0.141	9.54
17) T	Carbon Disulfide	1.478	1.556	1.408	1.396	1.389	1.396	1.437	4.65
18) T	Methyl Acetate	0.371	0.367	0.312	0.304	0.319	0.317	0.332	8.93
19) T	Methyl tert-butyl	0.970	1.218	1.206	1.214	1.225	1.229	1.177	8.64
20) T	Methylene Chlorid	0.542	0.601	0.517	0.505	0.498	0.494	0.526	7.68
21) T	trans-1,2-Dichlor	0.446	0.533	0.494	0.485	0.484	0.479	0.487	5.70
22) T	Diisopropyl ether	0.994	1.344	1.346	1.368	1.409	1.393	1.309	11.96
23) T	Vinyl Acetate	0.708	0.921	0.959	0.993	1.036	1.029	0.941	13.00
24) P	1,1-Dichloroethan	0.866	0.972	0.893	0.874	0.862	0.851	0.886	5.01
25) T	2-Butanone	0.152	0.194	0.185	0.182	0.190	0.185	0.181	8.35
26) T	2,2-Dichloropropa	0.675	0.713	0.669	0.669	0.653	0.657	0.673	3.17
27) T	cis-1,2-Dichloroe	0.497	0.583	0.557	0.550	0.544	0.543	0.546	5.11
28) T	Bromochloromethan	0.355	0.419	0.397	0.392	0.382	0.376	0.387	5.54
29) T	Tetrahydrofuran	0.097	0.120	0.122	0.120	0.124	0.121	0.117	8.49
30) C	Chloroform	0.875	1.003	0.902	0.871	0.849	0.843	0.891	6.65#
31) T	Cyclohexane	1.368	0.940	0.818	0.810	0.801	0.809	0.924	24.19
32) T	1,1,1-Trichloroet	0.762	0.823	0.771	0.748	0.727	0.739	0.762	4.45
33) S	1,2-Dichloroethan		0.545	0.522	0.511	0.485	0.492	0.511	4.70
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.338	0.332	0.321	0.335	0.314	0.328	3.10
36) T	1,1-Dichloroprope	0.469	0.482	0.434	0.439	0.473	0.453	0.458	4.24
37) T	Ethyl Acetate	0.164	0.254	0.273	0.263	0.293	0.271	0.253	18.02
38) T	Carbon Tetrachlor	0.638	0.485	0.451	0.444	0.466	0.456	0.490	15.13
39) T	Methylcyclohexane	0.484	0.506	0.525	0.543	0.542	0.569	0.528	5.71
40) TM	Benzene	1.241	1.410	1.370	1.357	1.403	1.350	1.355	4.50
41) T	Methacrylonitrile	0.089	0.145	0.132	0.161	0.155	0.147	0.138	18.82
42) TM	1,2-Dichloroethan	0.388	0.432	0.406	0.391	0.408	0.398	0.404	3.91
43) T	Isopropyl Acetate	0.539	0.498	0.452	0.449	0.506	0.489	0.489	7.03
44) TM	Trichloroethene	0.364	0.397	0.385	0.381	0.362	0.386	0.379	3.56
45) C	1,2-Dichloropropa	0.334	0.357	0.352	0.346	0.333	0.353	0.346	2.86#
46) T	Dibromomethane	0.195	0.215	0.217	0.210	0.203	0.210	0.208	3.86
47) T	Bromodichlorometh	0.439	0.438	0.444	0.446	0.424	0.446	0.439	1.90
48) T	Methyl methacryla	0.179	0.186	0.206	0.216	0.226	0.244	0.210	11.68
49) T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.003	0.003	0.003	18.88
50) S	Toluene-d8		1.078	1.217	1.252	1.166	1.213	1.185	5.66
51) T	4-Methyl-2-Pentan	0.173	0.198	0.231	0.254	0.248	0.258	0.227	15.12
52) CM	Toluene	0.726	0.780	0.821	0.858	0.795	0.838	0.803	5.90#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.350	0.384	0.428	0.459	0.450	0.489	0.427	12.03
54) T	cis-1,3-Dichlorop	0.405	0.467	0.510	0.563	0.520	0.553	0.503	11.71
55) T	1,1,2-Trichloroet	0.272	0.293	0.302	0.308	0.286	0.299	0.294	4.40
56) T	Ethyl methacrylat	0.239	0.280	0.322	0.371	0.371	0.399	0.330	18.60
57) T	1,3-Dichloropropa	0.434	0.477	0.507	0.551	0.486	0.510	0.494	7.89
58) T	2-Chloroethyl Vin	0.086	0.124	0.150	0.160	0.170	0.179	0.145	23.85
59) T	2-Hexanone	0.123	0.137	0.150	0.174	0.164	0.173	0.153	13.60
60) T	Dibromochlorometh	0.312	0.321	0.345	0.377	0.340	0.360	0.343	7.05
61) T	1,2-Dibromoethane	0.268	0.272	0.299	0.317	0.287	0.306	0.292	6.68
62) S	4-Bromofluorobenz		0.335	0.382	0.430	0.392	0.417	0.391	9.39
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.486	0.482	0.463	0.426	0.418	0.409	0.447	7.54
65) PM	Chlorobenzene	1.079	1.083	1.033	1.008	1.027	1.050	1.047	2.84
66) T	1,1,1,2-Tetrachlo	0.350	0.410	0.389	0.376	0.381	0.386	0.382	5.06
67) C	Ethyl Benzene	1.548	1.740	1.710	1.688	1.721	1.754	1.694	4.42#
68) T	m/p-Xylenes	0.559	0.665	0.683	0.668	0.675	0.684	0.656	7.31
69) T	o-Xylene	0.538	0.646	0.651	0.638	0.653	0.662	0.631	7.37
70) T	Stvrene	0.744	0.976	1.025	1.044	1.068	1.088	0.991	12.81
71) P	Bromoform	0.227	0.273	0.276	0.270	0.285	0.296	0.271	8.76
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.653	3.875	3.641	3.466	3.326	3.175	3.522	7.15
74) T	N-amyl acetate	0.731	0.773	0.815	0.825	0.860	0.849	0.809	6.02
75) P	1,1,2,2-Tetrachlo	0.926	0.902	0.831	0.804	0.780	0.755	0.833	8.18
76) T	1,2,3-Trichloropr	0.855	0.783	0.738	0.706	0.651	0.670	0.734	10.37
77) T	Bromobenzene	1.002	1.005	0.956	0.931	0.907	0.869	0.945	5.67
78) T	n-propylbenzene	3.777	4.128	4.120	4.015	3.884	3.710	3.939	4.48
79) T	2-Chlorotoluene	2.436	2.545	2.470	2.352	2.272	2.175	2.375	5.73
80) T	1,3,5-Trimethylbe	2.569	3.210	3.131	2.973	2.895	2.766	2.924	8.08
81) T	trans-1,4-Dichlor	0.217	0.213	0.213	0.225	0.235	0.232	0.222	4.27
82) T	4-Chlorotoluene	2.244	2.515	2.461	2.395	2.324	2.259	2.366	4.64
83) T	tert-Butylbenzene	2.474	2.940	2.740	2.619	2.518	2.461	2.625	7.10
84) T	1,2,4-Trimethylbe	2.467	3.136	3.115	3.025	2.963	2.889	2.932	8.39
85) T	sec-Butylbenzene	3.206	3.905	3.724	3.538	3.409	3.427	3.535	7.03
86) T	p-Isopropyltoluen	2.585	3.233	3.258	3.137	3.084	3.109	3.068	8.02
87) T	1,3-Dichlorobenze	1.607	1.717	1.689	1.634	1.614	1.632	1.649	2.67
88) T	1,4-Dichlorobenze	1.753	1.690	1.668	1.609	1.603	1.632	1.659	3.44
89) T	n-Butylbenzene	1.946	2.521	2.706	2.648	2.661	2.655	2.523	11.47
90) T	Hexachloroethane	0.627	0.646	0.589	0.540	0.539	0.576	0.586	7.52
91) T	1,2-Dichlorobenze	1.630	1.694	1.681	1.592	1.579	1.530	1.618	3.90
92) T	1,2-Dibromo-3-Chl	0.103	0.132	0.127	0.116	0.124	0.126	0.122	8.63
93) T	1,2,4-Trichlorobe	0.486	0.663	0.945	0.840	1.013	1.034	0.830	26.10
94) T	Hexachlorobutadie	0.789	0.773	0.720	0.564	0.613	0.589	0.675	14.53
95) T	Naphthalene	0.706	1.025	1.728	1.635	2.029	2.180	1.550	37.09
96) T	1,2,3-Trichlorobe	0.497	0.668	0.934	0.809	0.946	0.979	0.806	23.57

(#) = Out of Range