

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N121818W.M
 Title : SW846 8260
 Last Update : Tue Dec 18 13:03:37 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN052951.D 5 =VN052952.D 20 =VN052953.D
 50 =VN052954.D 100 =VN052955.D 150 =VN052956.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.546	0.506	0.518	0.493	0.490	0.483	0.506	4.55
3) P	Chloromethane	0.643	0.616	0.625	0.609	0.599	0.587	0.613	3.20
4) C	Vinyl Chloride	0.654	0.618	0.633	0.610	0.608	0.603	0.621	3.09#
5) T	Bromomethane	0.542	0.443	0.413	0.396	0.396	0.392	0.430	13.50
6) T	Chloroethane	0.395	0.365	0.375	0.361	0.359	0.352	0.368	4.18
7) T	Trichlorofluorome	0.776	0.788	0.797	0.765	0.764	0.752	0.774	2.15
8) T	Diethyl Ether	0.311	0.279	0.292	0.291	0.292	0.287	0.292	3.63
9) T	1,1,2-Trichlorotr	0.521	0.511	0.498	0.476	0.480	0.472	0.493	4.08
10) T	Methyl Iodide		0.576	0.699	0.718	0.736	0.735	0.693	9.67
11) T	Tert butyl alcoho		0.029	0.031	0.032	0.031	0.032	0.031	3.12
12) CM	1,1-Dichloroethen	0.512	0.466	0.475	0.473	0.470	0.464	0.477	3.73#
13) T	Acrolein		0.024	0.029	0.029	0.028	0.030	0.028	7.92
14) T	Allyl chloride	0.728	0.714	0.742	0.731	0.737	0.777	0.738	2.88
15) T	Acrylonitrile	0.193	0.163	0.168	0.172	0.168	0.168	0.172	6.10
16) T	Acetone	0.123	0.087	0.095	0.096	0.097	0.099	0.099	12.12
17) T	Carbon Disulfide	1.890	1.535	1.509	1.468	1.467	1.456	1.554	10.75
18) T	Methyl Acetate	0.606	0.416	0.425	0.440	0.450	0.462	0.466	15.09
19) T	Methyl tert-butyl	1.299	1.224	1.301	1.279	1.280	1.269	1.275	2.18
20) T	Methylene Chlorid	0.605	0.542	0.542	0.526	0.524	0.516	0.543	5.91
21) T	trans-1,2-Dichlor	0.564	0.502	0.515	0.499	0.500	0.492	0.512	5.19
22) T	Diisopropyl ether	1.611	1.514	1.616	1.584	1.577	1.553	1.576	2.42
23) T	Vinyl Acetate	0.964	0.897	0.921	0.880	0.888	0.887	0.906	3.53
24) P	1,1-Dichloroethan	0.986	0.918	0.954	0.927	0.924	0.909	0.936	3.06
25) T	2-Butanone	0.167	0.150	0.168	0.172	0.173	0.172	0.167	5.29
26) T	2,2-Dichloropropa	0.742	0.713	0.736	0.700	0.701	0.696	0.715	2.76
27) T	cis-1,2-Dichloroe	0.624	0.558	0.582	0.574	0.573	0.568	0.580	4.00
28) T	Bromochloromethan	0.431	0.389	0.384	0.409	0.416	0.405	0.406	4.29
29) T	Tetrahydrofuran	0.130	0.119	0.124	0.127	0.125	0.124	0.125	3.06
30) C	Chloroform	0.973	0.907	0.935	0.913	0.903	0.888	0.920	3.30#
31) T	Cyclohexane	1.667	1.019	0.923	0.870	0.875	0.864	1.036	30.34
32) T	1,1,1-Trichloroet	0.805	0.787	0.790	0.774	0.775	0.770	0.784	1.66
33) S	1,2-Dichloroethan		0.496	0.465	0.531	0.528	0.518	0.507	5.44
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.215	0.192	0.228	0.249	0.257	0.228	11.54
36) T	1,1-Dichloroprope	0.519	0.482	0.478	0.466	0.469	0.465	0.480	4.22
37) T	Ethyl Acetate	0.246	0.268	0.275	0.275	0.273	0.270	0.268	4.04
38) T	Carbon Tetrachlor	0.405	0.459	0.450	0.438	0.445	0.443	0.440	4.25
39) T	Methylcyclohexane	0.602	0.604	0.584	0.563	0.575	0.570	0.583	2.92
40) TM	Benzene	1.493	1.436	1.455	1.405	1.395	1.381	1.427	2.95
41) T	Methacrylonitrile	0.168	0.132	0.156	0.156	0.159	0.156	0.155	7.59
42) TM	1,2-Dichloroethan	0.440	0.434	0.426	0.418	0.411	0.402	0.422	3.43
43) T	Isopropyl Acetate	0.875	0.611	0.542	0.521	0.513	0.511	0.595	23.86
44) TM	Trichloroethene	0.431	0.412	0.419	0.408	0.406	0.401	0.413	2.64
45) C	1,2-Dichloropropa	0.380	0.371	0.380	0.369	0.367	0.363	0.372	1.89#
46) T	Dibromomethane	0.225	0.218	0.221	0.214	0.212	0.210	0.217	2.56
47) T	Bromodichlorometh	0.452	0.475	0.471	0.456	0.455	0.455	0.460	2.14
48) T	Methyl methacryla	0.274	0.246	0.259	0.260	0.261	0.261	0.260	3.43
49) T	1,4-Dioxane	0.004	0.003	0.003	0.003	0.003	0.003	0.003	6.52
50) S	Toluene-d8		1.217	1.124	1.265	1.274	1.251	1.226	4.99
51) T	4-Methyl-2-Pentan	0.252	0.249	0.269	0.267	0.262	0.258	0.259	3.04
52) CM	Toluene	0.905	0.889	0.905	0.877	0.869	0.863	0.885	2.01#

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Compound		1	5	20	50	100	150	Avg	%RSD

53) T	t-1,3-Dichloropro	0.477	0.472	0.487	0.484	0.492	0.494	0.484	1.79
54) T	cis-1,3-Dichlorop	0.525	0.558	0.569	0.560	0.562	0.561	0.556	2.81
55) T	1,1,2-Trichloroet	0.303	0.327	0.312	0.307	0.302	0.300	0.309	3.20
56) T	Ethyl methacrylat	0.399	0.387	0.412	0.414	0.420	0.419	0.409	3.15
57) T	1,3-Dichloropropa	0.534	0.526	0.540	0.533	0.525	0.518	0.529	1.48
58) T	2-Chloroethyl Vin	0.192	0.233	0.226	0.230	0.233	0.232	0.224	7.23
59) T	2-Hexanone	0.176	0.167	0.179	0.180	0.177	0.174	0.176	2.56
60) T	Dibromochlorometh	0.345	0.358	0.362	0.353	0.352	0.352	0.353	1.68
61) T	1,2-Dibromoethane	0.313	0.312	0.316	0.314	0.313	0.313	0.313	0.47
62) S	4-Bromofluorobenz		0.434	0.387	0.444	0.447	0.441	0.430	5.80
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.565	0.547	0.560	0.542	0.523	0.512	0.542	3.82
65) PM	Chlorobenzene	1.198	1.116	1.112	1.089	1.068	1.067	1.108	4.38
66) T	1,1,1,2-Tetrachlo	0.385	0.392	0.389	0.383	0.382	0.382	0.385	1.10
67) C	Ethyl Benzene	2.003	1.918	1.914	1.887	1.862	1.853	1.906	2.84#
68) T	m/p-Xylenes	0.754	0.732	0.732	0.717	0.710	0.702	0.725	2.58
69) T	o-Xylene	0.696	0.715	0.697	0.698	0.687	0.678	0.695	1.79
70) T	Styrene	1.111	1.116	1.150	1.148	1.147	1.131	1.134	1.54
71) P	Bromoform	0.263	0.291	0.276	0.281	0.280	0.279	0.278	3.33
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.189	4.051	4.077	3.833	3.692	3.631	3.912	5.79
74) T	N-amyl acetate	1.154	1.010	1.123	1.094	1.072	1.064	1.086	4.60
75) P	1,1,2,2-Tetrachlo	0.895	0.802	0.775	0.727	0.703	0.703	0.767	9.65
76) T	1,2,3-Trichloropr	0.869	0.779	0.885	0.855	0.828	0.834	0.842	4.42
77) T	Bromobenzene	1.150	1.023	1.033	0.993	0.959	0.944	1.017	7.25
78) T	n-propylbenzene	4.735	4.590	4.580	4.377	4.252	4.199	4.455	4.76
79) T	2-Chlorotoluene	2.835	3.534	2.714	2.577	2.473	2.437	2.762	14.72
80) T	1,3,5-Trimethylbe	3.320	3.448	3.254	3.109	3.018	2.983	3.189	5.72
81) T	trans-1,4-Dichlor	0.225	0.258	0.270	0.268	0.270	0.276	0.261	7.05
82) T	4-Chlorotoluene	2.983	2.753	2.728	2.630	2.563	2.564	2.703	5.87
83) T	tert-Butylbenzene	3.124	2.997	2.886	2.706	2.622	2.586	2.820	7.69
84) T	1,2,4-Trimethylbe	3.316	3.339	3.261	3.158	3.093	3.066	3.206	3.62
85) T	sec-Butylbenzene	4.018	4.276	3.825	3.662	3.566	3.540	3.814	7.55
86) T	p-Isopropyltoluen	3.284	3.627	3.312	3.211	3.165	3.177	3.296	5.23
87) T	1,3-Dichlorobenze	1.962	1.869	1.781	1.753	1.720	1.714	1.800	5.41
88) T	1,4-Dichlorobenze	2.158	1.875	1.769	1.723	1.711	1.700	1.823	9.69
89) T	n-Butylbenzene	3.020	3.132	2.703	2.694	2.721	2.743	2.836	6.70
90) T	Hexachloroethane	0.426	0.588	0.491	0.494	0.512	0.523	0.506	10.38
91) T	1,2-Dichlorobenze	1.925	1.748	1.672	1.654	1.607	1.558	1.694	7.67
92) T	1,2-Dibromo-3-Chl	0.154	0.139	0.124	0.131	0.123	0.125	0.133	9.27
93) T	1,2,4-Trichlorobe	1.523	0.994	0.849	0.864	0.891	0.914	1.006	25.69
94) T	Hexachlorobutadie	0.907	0.704	0.515	0.476	0.460	0.441	0.584	31.66
95) T	Naphthalene	3.865	1.813	1.794	1.886	1.961	2.019	2.223	36.39
96) T	1,2,3-Trichlorobe	1.553	0.901	0.766	0.779	0.799	0.823	0.937	32.65

(#) = Out of Range