

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N110619W.M
 Title : SW846 8260
 Last Update : Thu Nov 07 04:00:41 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN059092.D 5 =VN059093.D 20 =VN059094.D
 50 =VN059095.D 100 =VN059096.D 150 =VN059097.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.536	0.530	0.503	0.484	0.485	0.484	0.504	4.74
3) P	Chloromethane	0.805	0.726	0.669	0.639	0.637	0.633	0.685	10.02
4) C	Vinyl Chloride	0.708	0.706	0.663	0.635	0.638	0.634	0.664	5.27#
5) T	Bromomethane		0.427	0.393	0.363	0.360	0.367	0.382	7.39
6) T	Chloroethane	0.455	0.408	0.387	0.371	0.368	0.367	0.393	8.72
7) T	Trichlorofluorome	0.839	0.836	0.806	0.777	0.762	0.746	0.794	4.88
8) T	Diethyl Ether	0.323	0.347	0.317	0.317	0.315	0.317	0.323	3.82
9) T	1,1,2-Trichlorotr	0.499	0.506	0.483	0.464	0.461	0.460	0.479	4.20
10) T	Methyl Iodide		0.526	0.587	0.595	0.625	0.631	0.593	7.08
11) T	Tert butyl alcoho		0.121	0.115	0.113	0.118	0.120	0.117	2.71
12) CM	1,1-Dichloroethen	0.493	0.493	0.457	0.453	0.453	0.450	0.466	4.37#
13) T	Acrolein		0.069	0.057	0.058	0.057	0.061	0.060	8.84
14) T	Allyl chloride	1.070	0.953	0.937	0.919	0.937	0.932	0.958	5.86
15) T	Acrylonitrile	0.257	0.298	0.290	0.297	0.303	0.304	0.292	6.02
16) T	Acetone	0.280	0.290	0.358	0.340	0.332	0.317	0.320	9.42
17) T	Carbon Disulfide	1.670	1.524	1.395	1.353	1.372	1.374	1.448	8.65
18) T	Methyl Acetate	0.746	0.784	0.754	0.748	0.762	0.759	0.759	1.83
19) T	Methyl tert-butyl	1.548	1.613	1.642	1.602	1.620	1.609	1.606	1.96
20) T	Methylene Chlorid	0.618	0.577	0.548	0.535	0.531	0.533	0.557	6.22
21) T	trans-1,2-Dichlor	0.507	0.528	0.500	0.488	0.495	0.486	0.501	3.13
22) T	Diisopropyl ether	1.749	1.825	1.846	1.812	1.819	1.807	1.810	1.82
23) T	Vinyl Acetate	1.321	1.441	1.501	1.506	1.398	1.247	1.403	7.33
24) P	1,1-Dichloroethan	1.045	1.056	1.025	0.990	0.980	0.969	1.011	3.60
25) T	2-Butanone	0.376	0.401	0.436	0.437	0.444	0.433	0.421	6.39
26) T	2,2-Dichloropropa	0.998	0.945	0.862	0.839	0.838	0.820	0.884	8.08
27) T	cis-1,2-Dichloroe	0.607	0.593	0.575	0.572	0.574	0.564	0.581	2.76
28) T	Bromochloromethan	0.333	0.354	0.297	0.292	0.274	0.275	0.304	10.67
29) T	Tetrahydrofuran	0.250	0.268	0.269	0.271	0.275	0.272	0.268	3.30
30) C	Chloroform	1.037	1.021	0.967	0.938	0.930	0.924	0.970	5.00#
31) T	Cyclohexane		1.106	0.942	0.911	0.914	0.912	0.957	8.82
32) T	1,1,1-Trichloroet	0.794	0.852	0.828	0.812	0.806	0.799	0.815	2.62
33) S	1,2-Dichloroethan		0.682	0.627	0.586	0.604	0.575	0.615	6.88
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.306	0.303	0.291	0.304	0.288	0.299	2.82
36) T	1,1-Dichloroprope	0.447	0.473	0.472	0.463	0.478	0.472	0.467	2.34
37) T	Ethyl Acetate	0.507	0.524	0.507	0.530	0.530	0.521	0.520	2.00
38) T	Carbon Tetrachlor	0.475	0.480	0.465	0.457	0.463	0.451	0.465	2.27
39) T	Methylcyclohexane	0.493	0.526	0.530	0.553	0.578	0.574	0.542	5.92
40) TM	Benzene	1.417	1.452	1.410	1.405	1.406	1.355	1.407	2.20
41) T	Methacrylonitrile	0.177	0.197	0.238	0.249	0.260	0.235	0.226	14.20
42) TM	1,2-Dichloroethan	0.480	0.509	0.483	0.480	0.478	0.466	0.483	2.96
43) T	Isopropyl Acetate	0.813	0.804	0.808	0.829	0.864	0.855	0.829	3.06
44) TM	Trichloroethene	0.346	0.362	0.340	0.344	0.344	0.339	0.346	2.46
45) C	1,2-Dichloropropa	0.379	0.387	0.379	0.383	0.385	0.381	0.382	0.91#
46) T	Dibromomethane	0.258	0.243	0.233	0.231	0.233	0.231	0.238	4.43
47) T	Bromodichlorometh	0.465	0.469	0.475	0.480	0.485	0.481	0.476	1.67
48) T	Methyl methacryla	0.346	0.345	0.354	0.380	0.400	0.399	0.371	6.95
49) T	1,4-Dioxane	0.006	0.006	0.006	0.007	0.007	0.007	0.007	7.83
50) S	Toluene-d8		1.199	1.185	1.156	1.207	1.132	1.176	2.67
51) T	4-Methyl-2-Pentan	0.413	0.475	0.508	0.521	0.479	0.418	0.469	9.56
52) CM	Toluene	0.807	0.847	0.839	0.846	0.871	0.851	0.844	2.46#

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Compound		1	5	20	50	100	150	Avg	%RSD

53) T	t-1,3-Dichloropro	0.539	0.523	0.531	0.552	0.574	0.578	0.550	4.14
54) T	cis-1,3-Dichlorop	0.554	0.577	0.589	0.599	0.617	0.611	0.591	3.97
55) T	1,1,2-Trichloroet	0.356	0.351	0.334	0.336	0.338	0.334	0.341	2.81
56) T	Ethyl methacrylat	0.368	0.457	0.502	0.542	0.587	0.585	0.507	16.65
57) T	1,3-Dichloropropa	0.584	0.576	0.584	0.589	0.599	0.594	0.588	1.41
58) T	2-Chloroethyl Vin	0.176	0.181	0.201	0.218	0.172	0.192	0.190	9.04
59) T	2-Hexanone	0.300	0.339	0.382	0.402	0.390	0.347	0.360	10.64
60) T	Dibromochlorometh	0.351	0.337	0.354	0.364	0.378	0.380	0.361	4.62
61) T	1,2-Dibromoethane	0.336	0.342	0.338	0.345	0.357	0.355	0.346	2.61
62) S	4-Bromofluorobenz		0.395	0.409	0.413	0.459	0.444	0.424	6.20
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.363	0.360	0.340	0.328	0.329	0.320	0.340	5.30
65) PM	Chlorobenzene	0.989	1.002	0.970	0.960	0.977	0.951	0.975	1.92
66) T	1,1,1,2-Tetrachlo	0.381	0.360	0.365	0.360	0.365	0.363	0.366	2.11
67) C	Ethyl Benzene	1.766	1.736	1.744	1.780	1.742	1.608	1.729	3.56#
68) T	m/p-Xylenes	0.617	0.638	0.644	0.662	0.676	0.650	0.648	3.11
69) T	o-Xylene	0.612	0.609	0.614	0.629	0.651	0.641	0.626	2.78
70) T	Styrene	0.831	0.861	0.979	1.048	1.105	1.084	0.985	11.77
71) P	Bromoform	0.276	0.258	0.270	0.289	0.306	0.308	0.284	7.09
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.155	3.927	3.703	3.587	3.382	3.068	3.637	10.63
74) T	N-amyl acetate	1.346	1.515	1.523	1.601	1.638	1.624	1.541	7.04
75) P	1,1,2,2-Tetrachlo	1.383	1.327	1.240	1.189	1.154	1.139	1.239	7.94
76) T	1,2,3-Trichloropr	1.332	1.347	1.100	1.029	1.013	1.010	1.138	13.98
77) T	Bromobenzene	1.060	0.993	0.887	0.870	0.842	0.830	0.914	10.10
78) T	n-propylbenzene	4.583	4.476	4.253	4.234	3.939	3.502	4.164	9.45
79) T	2-Chlorotoluene	2.871	2.865	2.547	2.483	2.432	2.302	2.583	9.08
80) T	1,3,5-Trimethylbe	3.297	3.274	3.147	3.061	2.956	2.756	3.082	6.65
81) T	trans-1,4-Dichlor		0.416	0.419	0.427	0.446	0.446	0.431	3.31
82) T	4-Chlorotoluene	2.701	2.724	2.608	2.570	2.529	2.415	2.591	4.41
83) T	tert-Butylbenzene	2.955	2.806	2.644	2.612	2.540	2.411	2.661	7.27
84) T	1,2,4-Trimethylbe	3.062	3.043	3.073	3.019	2.953	2.740	2.982	4.22
85) T	sec-Butylbenzene	3.663	3.627	3.529	3.504	3.362	3.082	3.461	6.17
86) T	p-Isopropyltoluen	2.943	3.187	3.133	3.170	3.072	2.832	3.056	4.61
87) T	1,3-Dichlorobenze	1.645	1.600	1.549	1.526	1.545	1.523	1.565	3.09
88) T	1,4-Dichlorobenze	1.711	1.596	1.517	1.508	1.539	1.523	1.566	4.98
89) T	n-Butylbenzene	2.583	2.555	2.654	2.742	2.838	2.678	2.675	3.90
90) T	Hexachloroethane	0.715	0.639	0.600	0.574	0.576	0.578	0.614	9.03
91) T	1,2-Dichlorobenze	1.596	1.605	1.545	1.517	1.491	1.481	1.539	3.41
92) T	1,2-Dibromo-3-Chl	0.410	0.293	0.240	0.241	0.245	0.249	0.280	23.87
93) T	1,2,4-Trichlorobe	0.698	0.658	0.804	0.846	0.952	0.990	0.825	16.11
94) T	Hexachlorobutadie	0.590	0.595	0.505	0.498	0.497	0.500	0.531	9.01
95) T	Naphthalene	2.036	1.638	2.155	2.313	2.739	2.708	2.265	18.53
96) T	1,2,3-Trichlorobe	0.877	0.711	0.827	0.849	0.942	0.969	0.863	10.65

(#) = Out of Range