

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N011320W.M
 Title : SW846 8260
 Last Update : Tue Jan 14 08:58:21 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN059687.D 5 =VN059688.D 20 =VN059689.D
 50 =VN059690.D 100 =VN059691.D 150 =VN059692.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.401	0.423	0.587	0.598	0.631	0.565	0.534	18.19
3) P	Chloromethane	0.586	0.547	0.582	0.575	0.601	0.544	0.572	3.94
4) C	Vinyl Chloride	0.569	0.581	0.682	0.699	0.737	0.662	0.655	10.20#
5) T	Bromomethane		0.398	0.385	0.407	0.416	0.393	0.400	2.99
6) T	Chloroethane	0.287	0.304	0.309	0.311	0.341	0.307	0.310	5.59
7) T	Trichlorofluorome	0.723	0.815	0.781	0.801	0.845	0.756	0.787	5.53
8) T	Diethyl Ether	0.250	0.293	0.271	0.282	0.295	0.266	0.276	6.26
9) T	1,1,2-Trichlorotr	0.388	0.463	0.428	0.450	0.477	0.421	0.438	7.38
10) T	Methyl Iodide		0.660	0.666	0.719	0.786	0.707	0.708	7.19
11) T	Tert butyl alcoho		0.095	0.091	0.095	0.098	0.088	0.093	4.51
12) CM	1,1-Dichloroethen	0.457	0.483	0.437	0.455	0.479	0.432	0.457	4.61#
13) T	Acrolein		0.075	0.063	0.064	0.066	0.063	0.066	7.70
14) T	Allyl chloride	0.535	0.665	0.596	0.627	0.668	0.608	0.617	8.02
15) T	Acrylonitrile	0.179	0.216	0.211	0.223	0.235	0.214	0.213	8.70
16) T	Acetone	0.368	0.214	0.185	0.197	0.198	0.178	0.224	32.23
17) T	Carbon Disulfide	1.245	1.368	1.270	1.310	1.368	1.257	1.303	4.22
18) T	Methyl Acetate	0.698	0.603	0.625	0.653	0.685	0.627	0.649	5.75
19) T	Methyl tert-butyl	1.452	1.539	1.463	1.500	1.578	1.417	1.491	3.99
20) T	Methylene Chlorid	0.742	0.604	0.491	0.499	0.530	0.480	0.557	18.12
21) T	trans-1,2-Dichlor	0.468	0.513	0.476	0.488	0.511	0.462	0.486	4.46
22) T	Diisopropyl ether	1.331	1.410	1.377	1.405	1.510	1.351	1.397	4.52
23) T	Vinyl Acetate	1.062	1.146	1.017	1.037	1.172	1.057	1.082	5.77
24) P	1,1-Dichloroethan	0.846	0.887	0.843	0.852	0.891	0.805	0.854	3.72
25) T	2-Butanone	0.359	0.323	0.292	0.308	0.319	0.286	0.314	8.35
26) T	2,2-Dichloropropa	0.870	0.860	0.796	0.805	0.842	0.752	0.821	5.45
27) T	cis-1,2-Dichloroe	0.554	0.571	0.551	0.563	0.585	0.531	0.559	3.29
28) T	Bromochloromethan	0.357	0.348	0.321	0.337	0.349	0.335	0.341	3.73
29) T	Tetrahydrofuran	0.197	0.194	0.191	0.195	0.205	0.184	0.195	3.57
30) C	Chloroform	0.847	0.935	0.859	0.891	0.934	0.842	0.885	4.75#
31) T	Cyclohexane		0.978	0.794	0.794	0.813	0.729	0.822	11.36
32) T	1,1,1-Trichloroet	0.766	0.862	0.798	0.830	0.871	0.780	0.818	5.33
33) S	1,2-Dichloroethan		0.577	0.543	0.566	0.550	0.541	0.555	2.81
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.305	0.293	0.305	0.297	0.290	0.298	2.23
36) T	1,1-Dichloroprope	0.446	0.443	0.415	0.438	0.458	0.413	0.435	4.11
37) T	Ethyl Acetate	0.492	0.368	0.389	0.394	0.428	0.379	0.408	11.20
38) T	Carbon Tetrachlor	0.473	0.486	0.462	0.470	0.503	0.448	0.474	4.04
39) T	Methylcyclohexane	0.548	0.544	0.517	0.538	0.567	0.506	0.537	4.13
40) TM	Benzene	1.359	1.350	1.254	1.277	1.345	1.206	1.299	4.80
41) T	Methacrylonitrile	0.202	0.195	0.170	0.198	0.242	0.200	0.201	11.56
42) TM	1,2-Dichloroethan	0.440	0.453	0.427	0.438	0.465	0.418	0.440	3.84
43) T	Isopropyl Acetate	0.769	0.686	0.668	0.697	0.737	0.657	0.702	6.07
44) TM	Trichloroethene	0.320	0.362	0.354	0.365	0.385	0.342	0.354	6.24
45) C	1,2-Dichloropropa	0.308	0.337	0.314	0.323	0.340	0.305	0.321	4.62#
46) T	Dibromomethane	0.212	0.239	0.225	0.229	0.240	0.216	0.227	5.18
47) T	Bromodichlorometh	0.458	0.455	0.439	0.458	0.489	0.441	0.457	3.92
48) T	Methyl methacryla	0.318	0.303	0.303	0.316	0.343	0.303	0.314	4.94
49) T	1,4-Dioxane	0.005	0.006	0.006	0.006	0.006	0.006	0.006	6.88
50) S	Toluene-d8		1.185	1.148	1.177	1.150	1.116	1.155	2.37
51) T	4-Methyl-2-Pentan	0.408	0.419	0.395	0.407	0.429	0.379	0.406	4.36
52) CM	Toluene	0.792	0.836	0.800	0.826	0.882	0.785	0.820	4.42#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.464	0.512	0.497	0.524	0.558	0.505	0.510	6.09
54) T	cis-1,3-Dichlorop	0.482	0.540	0.532	0.553	0.584	0.528	0.537	6.24
55) T	1,1,2-Trichloroet	0.334	0.336	0.317	0.320	0.337	0.305	0.325	3.96
56) T	Ethyl methacrylat	0.449	0.501	0.489	0.504	0.546	0.489	0.496	6.25
57) T	1,3-Dichloropropa	0.470	0.528	0.514	0.525	0.559	0.498	0.516	5.86
58) T	2-Chloroethyl Vin	0.125	0.131	0.149	0.168	0.159	0.166	0.150	12.10
59) T	2-Hexanone	0.272	0.296	0.299	0.315	0.325	0.287	0.299	6.36
60) T	Dibromochlorometh	0.339	0.380	0.359	0.376	0.403	0.363	0.370	5.91
61) T	1,2-Dibromoethane	0.319	0.335	0.336	0.347	0.372	0.333	0.340	5.28
62) S	4-Bromofluorobenz		0.426	0.399	0.419	0.424	0.415	0.416	2.63
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.394	0.449	0.408	0.447	0.398	0.349	0.408	9.13
65) PM	Chlorobenzene	0.946	1.016	0.959	0.995	1.048	0.933	0.983	4.54
66) T	1,1,1,2-Tetrachlo	0.367	0.394	0.374	0.381	0.403	0.359	0.380	4.37
67) C	Ethyl Benzene	1.789	1.842	1.739	1.791	1.877	1.666	1.784	4.18#
68) T	m/p-Xylenes	0.641	0.694	0.662	0.686	0.720	0.641	0.674	4.66
69) T	o-Xylene	0.670	0.676	0.643	0.662	0.690	0.618	0.660	3.91
70) T	Styrene	0.996	1.127	1.068	1.144	1.205	1.083	1.104	6.49
71) P	Bromoform	0.256	0.305	0.293	0.317	0.343	0.312	0.304	9.49
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.799	3.985	3.628	3.624	3.708	3.257	3.667	6.59
74) T	N-amyl acetate	1.411	1.485	1.384	1.440	1.492	1.325	1.423	4.46
75) P	1,1,2,2-Tetrachlo	1.070	1.162	1.051	1.052	1.080	0.964	1.063	5.99
76) T	1,2,3-Trichloropr	0.895	0.855	0.860	0.861	0.786	0.793	0.841	5.09
77) T	Bromobenzene	0.948	0.999	0.913	0.925	0.947	0.840	0.929	5.67
78) T	n-propylbenzene	4.133	4.354	4.072	4.103	4.274	3.759	4.116	5.00
79) T	2-Chlorotoluene	2.557	2.708	2.371	2.382	2.487	2.186	2.448	7.30
80) T	1,3,5-Trimethylbe	3.180	3.351	3.007	3.046	3.140	2.779	3.084	6.22
81) T	trans-1,4-Dichlor		0.385	0.379	0.398	0.421	0.377	0.392	4.59
82) T	4-Chlorotoluene	2.397	2.630	2.403	2.451	2.562	2.293	2.456	4.96
83) T	tert-Butylbenzene	2.789	2.905	2.605	2.635	2.697	2.373	2.667	6.79
84) T	1,2,4-Trimethylbe	3.048	3.248	3.018	3.023	3.157	2.811	3.051	4.85
85) T	sec-Butylbenzene	3.562	3.741	3.440	3.513	3.597	3.174	3.504	5.43
86) T	p-Isopropyltoluen	3.338	3.431	3.189	3.200	3.336	2.961	3.243	5.11
87) T	1,3-Dichlorobenze	1.612	1.658	1.583	1.614	1.697	1.514	1.613	3.89
88) T	1,4-Dichlorobenze	1.561	1.723	1.548	1.605	1.696	1.522	1.609	5.14
89) T	n-Butylbenzene	2.645	2.820	2.687	2.804	2.975	2.656	2.765	4.59
90) T	Hexachloroethane	0.610	0.636	0.589	0.606	0.633	0.566	0.607	4.35
91) T	1,2-Dichlorobenze	1.608	1.694	1.586	1.593	1.634	1.454	1.595	4.98
92) T	1,2-Dibromo-3-Chl	0.362	0.256	0.239	0.230	0.241	0.214	0.257	20.71
93) T	1,2,4-Trichlorobe	0.773	0.941	0.964	1.023	1.070	0.978	0.958	10.60
94) T	Hexachlorobutadie	0.527	0.572	0.532	0.526	0.541	0.470	0.528	6.27
95) T	Naphthalene	2.190	2.526	2.708	2.917	3.153	2.858	2.726	12.33
96) T	1,2,3-Trichlorobe	0.806	0.888	0.937	0.975	1.047	0.943	0.933	8.73

(#) = Out of Range