

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N101819W.M
 Title : SW846 8260
 Last Update : Sat Oct 19 00:16:20 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN058843.D 5 =VN058844.D 20 =VN058845.D
 50 =VN058846.D 100 =VN058847.D 150 =VN058848.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.609	0.630	0.677	0.620	0.599	0.606	0.623	4.56
3) P	Chloromethane	0.866	0.779	0.800	0.751	0.706	0.731	0.772	7.36
4) C	Vinyl Chloride	0.756	0.782	0.794	0.759	0.737	0.772	0.767	2.66#
5) T	Bromomethane		0.507	0.495	0.476	0.452	0.471	0.480	4.45
6) T	Chloroethane	0.529	0.514	0.512	0.477	0.456	0.462	0.492	6.20
7) T	Trichlorofluorome	0.926	1.024	0.998	0.955	0.882	0.906	0.949	5.75
8) T	Diethyl Ether	0.342	0.326	0.329	0.317	0.321	0.332	0.328	2.64
9) T	1,1,2-Trichlorotr	0.562	0.568	0.538	0.506	0.486	0.496	0.526	6.65
10) T	Methyl Iodide		0.663	0.705	0.691	0.687	0.712	0.692	2.75
11) T	Tert butyl alcoho		0.130	0.118	0.118	0.114	0.129	0.122	5.92
12) CM	1,1-Dichloroethen	0.499	0.494	0.503	0.486	0.478	0.497	0.493	1.91#
13) T	Acrolein		0.065	0.083	0.086	0.088	0.096	0.084	13.72
14) T	Allyl chloride	0.922	1.034	1.020	0.997	0.981	1.030	0.997	4.22
15) T	Acrylonitrile	0.256	0.314	0.321	0.315	0.307	0.323	0.306	8.23
16) T	Acetone	0.332	0.339	0.426	0.381	0.348	0.348	0.362	9.75
17) T	Carbon Disulfide	1.625	1.582	1.620	1.571	1.538	1.591	1.588	2.03
18) T	Methyl Acetate	0.924	0.883	0.819	0.779	0.750	0.788	0.824	8.11
19) T	Methyl tert-butyl	1.614	1.664	1.761	1.766	1.738	1.812	1.726	4.23
20) T	Methylene Chlorid	0.723	0.651	0.614	0.575	0.568	0.581	0.619	9.63
21) T	trans-1,2-Dichlor	0.527	0.553	0.557	0.543	0.534	0.553	0.544	2.20
22) T	Diisopropyl ether	1.646	1.925	2.051	2.016	1.994	2.074	1.951	8.11
23) T	Vinyl Acetate	1.338	1.517	1.715	1.739	1.613	1.482	1.567	9.71
24) P	1,1-Dichloroethan	1.201	1.160	1.150	1.102	1.073	1.101	1.131	4.19
25) T	2-Butanone	0.424	0.467	0.501	0.490	0.462	0.478	0.470	5.75
26) T	2,2-Dichloropropa	1.017	1.000	1.008	0.967	0.933	0.946	0.978	3.55
27) T	cis-1,2-Dichloroe	0.600	0.632	0.634	0.628	0.607	0.630	0.622	2.33
28) T	Bromochloromethan	0.392	0.400	0.376	0.375	0.358	0.359	0.377	4.46
29) T	Tetrahydrofuran	0.249	0.279	0.302	0.301	0.290	0.305	0.288	7.35
30) C	Chloroform	1.281	1.170	1.135	1.098	1.048	1.076	1.135	7.37#
31) T	Cyclohexane		1.141	1.039	1.029	1.009	1.050	1.054	4.83
32) T	1,1,1-Trichloroet	0.934	0.996	0.985	0.961	0.919	0.944	0.956	3.14
33) S	1,2-Dichloroethan		0.771	0.747	0.732	0.713	0.703	0.733	3.73
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.327	0.341	0.329	0.324	0.322	0.329	2.18
36) T	1,1-Dichloroprope	0.477	0.491	0.520	0.529	0.523	0.532	0.512	4.39
37) T	Ethyl Acetate	0.481	0.526	0.602	0.590	0.563	0.584	0.558	8.26
38) T	Carbon Tetrachlor	0.524	0.538	0.546	0.526	0.512	0.519	0.527	2.35
39) T	Methylcyclohexane	0.477	0.534	0.574	0.608	0.616	0.640	0.575	10.49
40) TM	Benzene	1.428	1.496	1.544	1.537	1.510	1.504	1.503	2.76
41) T	Methacrylonitrile	0.262	0.228	0.250	0.243	0.247	0.260	0.248	5.04
42) TM	1,2-Dichloroethan	0.574	0.594	0.598	0.580	0.563	0.565	0.579	2.51
43) T	Isopropyl Acetate	0.767	0.857	0.926	0.927	0.927	0.963	0.895	7.98
44) TM	Trichloroethene	0.334	0.383	0.375	0.368	0.365	0.371	0.366	4.65
45) C	1,2-Dichloropropa	0.397	0.408	0.426	0.418	0.410	0.414	0.412	2.45#
46) T	Dibromomethane	0.250	0.266	0.267	0.261	0.260	0.260	0.261	2.37
47) T	Bromodichlorometh	0.502	0.540	0.553	0.544	0.539	0.544	0.537	3.30
48) T	Methyl methacryla	0.325	0.359	0.412	0.439	0.437	0.464	0.406	13.12
49) T	1,4-Dioxane	0.005	0.007	0.007	0.007	0.007	0.007	0.007	9.72
50) S	Toluene-d8		1.212	1.311	1.289	1.304	1.264	1.276	3.15
51) T	4-Methyl-2-Pentan	0.419	0.516	0.599	0.584	0.535	0.482	0.522	12.77
52) CM	Toluene	0.724	0.843	0.951	0.943	0.938	0.949	0.891	10.32#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.509	0.552	0.605	0.623	0.631	0.647	0.595	8.98
54) T	cis-1,3-Dichlorop	0.542	0.604	0.652	0.669	0.665	0.680	0.635	8.33
55) T	1,1,2-Trichloroet	0.351	0.378	0.382	0.365	0.362	0.366	0.367	3.08
56) T	Ethyl methacrylat	0.359	0.460	0.570	0.592	0.614	0.645	0.540	20.18
57) T	1,3-Dichloropropa	0.592	0.636	0.672	0.660	0.649	0.658	0.645	4.45
58) T	2-Chloroethyl Vin	0.167	0.206	0.247	0.256	0.264	0.265	0.234	16.80
59) T	2-Hexanone	0.309	0.378	0.458	0.455	0.425	0.397	0.404	13.87
60) T	Dibromochlorometh	0.345	0.378	0.413	0.407	0.409	0.419	0.395	7.18
61) T	1,2-Dibromoethane	0.334	0.367	0.390	0.387	0.385	0.393	0.376	5.97
62) S	4-Bromofluorobenz		0.408	0.459	0.474	0.502	0.500	0.469	8.17
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.371	0.347	0.351	0.353	0.338	0.341	0.350	3.35
65) PM	Chlorobenzene	0.959	0.993	1.043	1.042	1.032	1.039	1.018	3.39
66) T	1,1,1,2-Tetrachlo	0.353	0.391	0.392	0.392	0.384	0.392	0.384	4.00
67) C	Ethyl Benzene	1.511	1.712	1.855	1.954	1.885	1.797	1.786	8.81#
68) T	m/p-Xylenes	0.524	0.597	0.687	0.726	0.719	0.720	0.662	12.59
69) T	o-Xylene	0.513	0.567	0.645	0.683	0.681	0.700	0.632	11.90
70) T	Styrene	0.728	0.881	1.048	1.149	1.172	1.202	1.030	18.31
71) P	Bromoform	0.274	0.277	0.290	0.307	0.312	0.328	0.298	7.05
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.643	3.568	3.806	3.825	3.676	3.406	3.654	4.27
74) T	N-amyl acetate	1.263	1.504	1.707	1.820	1.799	1.846	1.657	13.85
75) P	1,1,2,2-Tetrachlo	1.372	1.333	1.311	1.273	1.206	1.214	1.285	5.16
76) T	1,2,3-Trichloropr	1.155	1.298	1.272	1.112	1.046	1.070	1.159	9.03
77) T	Bromobenzene	0.893	0.933	0.932	0.902	0.871	0.873	0.901	3.05
78) T	n-propylbenzene	4.254	4.244	4.593	4.599	4.355	3.870	4.319	6.27
79) T	2-Chlorotoluene	2.703	2.634	2.700	2.684	2.610	2.530	2.644	2.53
80) T	1,3,5-Trimethylbe	2.779	2.875	3.247	3.311	3.196	3.012	3.070	7.00
81) T	trans-1,4-Dichlor		0.398	0.437	0.460	0.459	0.471	0.445	6.55
82) T	4-Chlorotoluene	2.584	2.651	2.774	2.807	2.739	2.653	2.702	3.16
83) T	tert-Butylbenzene	2.387	2.549	2.710	2.757	2.716	2.633	2.625	5.26
84) T	1,2,4-Trimethylbe	2.457	2.866	3.281	3.340	3.210	3.015	3.028	10.92
85) T	sec-Butylbenzene	3.115	3.353	3.711	3.796	3.637	3.389	3.500	7.37
86) T	p-Isopropyltoluen	2.599	2.802	3.275	3.420	3.314	3.121	3.088	10.42
87) T	1,3-Dichlorobenze	1.445	1.644	1.660	1.647	1.632	1.635	1.610	5.07
88) T	1,4-Dichlorobenze	1.562	1.602	1.624	1.645	1.606	1.635	1.612	1.83
89) T	n-Butylbenzene	2.250	2.579	2.968	3.129	3.118	2.978	2.837	12.34
90) T	Hexachloroethane	0.626	0.638	0.624	0.624	0.614	0.629	0.626	1.22
91) T	1,2-Dichlorobenze	1.529	1.537	1.639	1.629	1.573	1.589	1.583	2.89
92) T	1,2-Dibromo-3-Chl	0.329	0.284	0.299	0.283	0.265	0.283	0.291	7.54
93) T	1,2,4-Trichlorobe	0.632	0.727	0.882	0.962	0.979	1.055	0.873	18.63
94) T	Hexachlorobutadie	0.520	0.538	0.506	0.516	0.492	0.506	0.513	3.05
95) T	Naphthalene	1.580	1.852	2.519	2.798	2.888	2.981	2.436	24.03
96) T	1,2,3-Trichlorobe	0.670	0.686	0.880	0.932	0.957	1.024	0.858	17.14

(#) = Out of Range