

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X112619W.M
 Title : SW846 8260
 Last Update : Tue Nov 26 15:53:00 2019
 Response Via : Initial Calibration

Calibration Files

1 =VX013597.D 5 =VX013598.D 20 =VX013599.D
 50 =VX013600.D 100 =VX013601.D 150 =VX013602.D

	Compound	1	5	20	50	100	150	Avq	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.446	0.584	0.605	0.563	0.570	0.571	0.557	10.08
3) P	Chloromethane	0.565	0.659	0.674	0.618	0.617	0.613	0.624	6.14
4) C	Vinyl Chloride	0.628	0.700	0.764	0.714	0.711	0.700	0.703	6.23#
5) T	Bromomethane		0.560	0.449	0.434	0.452	0.466	0.472	10.66
6) T	Chloroethane	0.400	0.451	0.418	0.379	0.381	0.372	0.400	7.52
7) T	Trichlorofluorome	0.764	0.884	0.807	0.737	0.748	0.743	0.780	7.25
8) T	Diethyl Ether	0.319	0.405	0.369	0.340	0.343	0.341	0.353	8.54
9) T	1,1,2-Trichlorotr	0.486	0.519	0.494	0.451	0.458	0.452	0.477	5.80
10) T	Methyl Iodide		0.485	0.558	0.603	0.625	0.613	0.577	9.93
11) T	Tert butyl alcoho		0.171	0.136	0.132	0.138	0.139	0.143	11.10
12) CM	1,1-Dichloroethen	0.441	0.517	0.500	0.462	0.468	0.467	0.476	5.83#
13) T	Acrolein		0.050	0.101	0.095	0.097	0.097	0.088	24.11
14) T	Allyl chloride	0.797	0.927	0.883	0.847	0.869	0.859	0.864	4.97
15) T	Acrylonitrile	0.270	0.330	0.300	0.290	0.294	0.290	0.296	6.67
16) T	Acetone	0.282	0.312	0.307	0.280	0.275	0.263	0.287	6.65
17) T	Carbon Disulfide	1.465	1.381	1.349	1.288	1.325	1.330	1.356	4.52
18) T	Methyl Acetate	0.647	0.847	0.860	0.807	0.815	0.810	0.798	9.64
19) T	Methyl tert-butyl	1.401	1.750	1.656	1.543	1.564	1.544	1.576	7.48
20) T	Methylene Chlorid	0.547	0.637	0.561	0.516	0.525	0.517	0.551	8.33
21) T	trans-1,2-Dichlor	0.516	0.571	0.528	0.496	0.499	0.500	0.518	5.54
22) T	Diisopropyl ether	1.385	1.897	1.772	1.639	1.649	1.635	1.663	10.26
23) T	Vinyl Acetate	1.156	1.559	1.454	1.380	1.391	1.358	1.383	9.61
24) P	1,1-Dichloroethan	0.789	1.015	0.956	0.887	0.908	0.898	0.909	8.30
25) T	2-Butanone	0.354	0.471	0.449	0.428	0.431	0.422	0.426	9.25
26) T	2,2-Dichloropropa	0.683	0.852	0.771	0.727	0.744	0.736	0.752	7.54
27) T	cis-1,2-Dichloroe	0.618	0.632	0.601	0.570	0.576	0.574	0.595	4.37
28) T	Bromochloromethan	0.209	0.243	0.384	0.360	0.367	0.355	0.320	23.12
29) T	Tetrahydrofuran	0.207	0.290	0.277	0.266	0.268	0.267	0.263	11.01
30) C	Chloroform	0.946	1.018	0.943	0.877	0.880	0.867	0.922	6.34#
31) T	Cyclohexane		0.949	0.871	0.820	0.824	0.823	0.857	6.45
32) T	1,1,1-Trichloroet	0.735	0.824	0.795	0.745	0.762	0.762	0.770	4.30
33) S	1,2-Dichloroethan		0.661	0.567	0.549	0.566	0.559	0.580	7.86

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.327	0.310	0.293	0.312	0.304	0.309	4.08
36) T	1,1-Dichloroprope	0.425	0.513	0.461	0.439	0.451	0.434	0.454	6.97
37) T	Ethyl Acetate	0.398	0.574	0.536	0.517	0.523	0.507	0.509	11.67
38) T	Carbon Tetrachlor	0.362	0.436	0.443	0.416	0.432	0.422	0.419	6.98
39) T	Methylcyclohexane	0.555	0.610	0.562	0.540	0.554	0.545	0.561	4.50
40) TM	Benzene	1.335	1.537	1.432	1.330	1.355	1.306	1.382	6.30
41) T	Methacrylonitrile	0.230	0.293	0.292	0.286	0.294	0.281	0.279	8.77
42) TM	1,2-Dichloroethan	0.426	0.534	0.498	0.456	0.467	0.448	0.471	8.23
43) T	Isopropyl Acetate	0.728	0.913	0.863	0.828	0.860	0.839	0.838	7.32
44) TM	Trichloroethene	0.385	0.411	0.386	0.364	0.369	0.361	0.379	4.89
45) C	1,2-Dichloropropa	0.291	0.388	0.366	0.339	0.350	0.341	0.346	9.44#
46) T	Dibromomethane	0.236	0.257	0.238	0.224	0.232	0.223	0.235	5.29
47) T	Bromodichlorometh	0.390	0.459	0.462	0.442	0.461	0.451	0.444	6.21
48) T	Methyl methacryla	0.304	0.440	0.427	0.415	0.437	0.421	0.407	12.63
49) T	1,4-Dioxane	0.008	0.010	0.009	0.009	0.009	0.009	0.009	8.24
50) S	Toluene-d8		1.339	1.198	1.137	1.202	1.146	1.204	6.72
51) T	4-Methyl-2-Pentan	0.441	0.590	0.549	0.526	0.539	0.518	0.527	9.30
52) CM	Toluene	0.792	0.959	0.892	0.836	0.850	0.823	0.859	6.90#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.439	0.517	0.508	0.507	0.534	0.527	0.505	6.73
54) T	cis-1,3-Dichlorop	0.461	0.570	0.577	0.557	0.580	0.567	0.552	8.22
55) T	1,1,2-Trichloroet	0.304	0.395	0.357	0.339	0.347	0.334	0.346	8.69
56) T	Ethyl methacrylat	0.454	0.573	0.581	0.555	0.595	0.582	0.556	9.36
57) T	1,3-Dichloropropa	0.568	0.660	0.622	0.574	0.589	0.567	0.597	6.23
58) T	2-Chloroethyl Vin	0.171	0.260	0.218	0.216	0.225	0.220	0.218	13.08
59) T	2-Hexanone	0.325	0.450	0.432	0.412	0.431	0.417	0.411	10.77
60) T	Dibromochlorometh	0.320	0.345	0.368	0.363	0.382	0.377	0.359	6.44
61) T	1,2-Dibromoethane	0.349	0.402	0.379	0.358	0.369	0.362	0.370	5.05
62) S	4-Bromofluorobenz		0.458	0.418	0.409	0.445	0.441	0.434	4.66
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.390	0.425	0.389	0.346	0.349	0.338	0.373	9.11
65) PM	Chlorobenzene	0.999	1.178	1.075	0.981	1.011	0.985	1.038	7.35
66) T	1,1,1,2-Tetrachlo	0.321	0.407	0.390	0.366	0.380	0.373	0.373	7.84
67) C	Ethyl Benzene	1.610	1.957	1.887	1.761	1.778	1.711	1.784	6.94#
68) T	m/p-Xylenes	0.624	0.750	0.716	0.665	0.681	0.661	0.683	6.49
69) T	o-Xylene	0.582	0.738	0.703	0.653	0.669	0.652	0.666	7.92
70) T	Stvrene	0.957	1.178	1.167	1.114	1.164	1.144	1.120	7.44
71) P	Bromoform	0.247	0.294	0.312	0.311	0.339	0.348	0.308	11.73
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.327	4.069	3.758	3.443	3.343	3.104	3.507	9.92
74) T	N-amyl acetate	1.252	1.785	1.690	1.644	1.660	1.609	1.607	11.44
75) P	1,1,2,2-Tetrachlo	1.027	1.428	1.308	1.196	1.179	1.160	1.216	11.26
76) T	1,2,3-Trichloropr	0.992	1.280	1.211	1.127	1.103	1.034	1.125	9.56
77) T	Bromobenzene	0.969	1.059	0.987	0.907	0.902	0.861	0.948	7.58
78) T	n-propylbenzene	3.597	4.417	4.202	3.893	3.811	3.572	3.915	8.58
79) T	2-Chlorotoluene	2.237	2.691	2.496	2.277	2.256	2.135	2.349	8.74
80) T	1,3,5-Trimethylbe	2.492	3.239	3.102	2.855	2.858	2.701	2.875	9.35
81) T	trans-1,4-Dichlor		0.371	0.410	0.414	0.432	0.429	0.411	5.97
82) T	4-Chlorotoluene	2.641	3.018	2.863	2.642	2.637	2.521	2.720	6.75
83) T	tert-Butylbenzene	2.575	3.272	3.133	2.886	2.892	2.771	2.921	8.56
84) T	1,2,4-Trimethylbe	2.585	3.327	3.116	2.879	2.863	2.735	2.917	9.13
85) T	sec-Butylbenzene	3.000	3.664	3.612	3.308	3.295	3.142	3.337	7.78
86) T	p-Isopropyltoluen	2.784	3.487	3.273	3.074	3.068	2.940	3.104	7.98
87) T	1,3-Dichlorobenze	1.637	1.811	1.726	1.592	1.600	1.545	1.652	5.97
88) T	1,4-Dichlorobenze	1.812	1.839	1.724	1.571	1.595	1.553	1.682	7.52
89) T	n-Butylbenzene	2.288	2.775	2.785	2.652	2.715	2.670	2.648	6.95
90) T	Hexachloroethane	0.495	0.608	0.569	0.545	0.576	0.573	0.561	6.76
91) T	1,2-Dichlorobenze	1.524	1.836	1.702	1.587	1.585	1.557	1.632	7.15
92) T	1,2-Dibromo-3-Chl	0.230	0.281	0.269	0.268	0.274	0.267	0.265	6.82
93) T	1,2,4-Trichlorobe	1.172	1.139	1.147	1.110	1.138	1.119	1.137	1.91
94) T	Hexachlorobutadie	0.598	0.591	0.553	0.498	0.520	0.518	0.546	7.57
95) T	Naphthalene	3.002	3.383	3.523	3.469	3.548	3.397	3.387	5.90
96) T	1,2,3-Trichlorobe	1.110	1.163	1.151	1.090	1.144	1.099	1.126	2.70

(#) = Out of Range