

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X032519W.M
 Title : SW846 8260
 Last Update : Tue Mar 26 07:57:20 2019
 Response Via : Initial Calibration

Calibration Files

1 =VX008416.D 5 =VX008410.D 20 =VX008411.D
 50 =VX008412.D 100 =VX008413.D 150 =VX008414.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.749	0.620	0.557	0.538	0.532	0.540	0.589	14.38
3) P	Chloromethane	1.173	0.882	0.776	0.751	0.716	0.746	0.841	20.51
4) C	Vinyl Chloride	0.993	0.879	0.789	0.769	0.748	0.759	0.823	11.60#
5) T	Bromomethane	0.791	0.508	0.373	0.408	0.415	0.457	0.492	31.21
6) T	Chloroethane	0.511	0.505	0.505	0.477	0.476	0.452	0.487	4.72
7) T	Trichlorofluorome	1.124	0.980	0.901	0.874	0.851	0.862	0.932	11.26
8) T	Diethyl Ether	0.530	0.462	0.428	0.417	0.401	0.408	0.441	10.94
9) T	1,1,2-Trichlorotr	0.679	0.593	0.537	0.528	0.515	0.528	0.563	11.20
10) T	Methyl Iodide		0.395	0.452	0.526	0.564	0.587	0.505	15.85
11) T	Tert butyl alcoho		0.179	0.165	0.168	0.165	0.164	0.168	3.67
12) CM	1,1-Dichloroethen	0.705	0.605	0.559	0.550	0.527	0.543	0.582	11.34#
13) T	Acrolein		0.149	0.117	0.113	0.114	0.116	0.122	12.33
14) T	Allyl chloride	1.525	1.291	1.206	1.223	1.205	1.239	1.282	9.63
15) T	Acrylonitrile	0.520	0.457	0.422	0.417	0.409	0.417	0.440	9.68
16) T	Acetone	0.455	0.416	0.399	0.378	0.366	0.363	0.396	8.91
17) T	Carbon Disulfide	3.056	1.871	1.682	1.653	1.647	1.669	1.930	28.93
18) T	Methyl Acetate	1.179	0.983	0.907	0.889	0.868	0.883	0.952	12.46
19) T	Methyl tert-butyl	2.316	2.164	2.049	2.024	1.984	2.039	2.096	5.90
20) T	Methylene Chlorid	0.943	0.736	0.672	0.649	0.634	0.644	0.713	16.62
21) T	trans-1,2-Dichlor	0.863	0.641	0.594	0.578	0.567	0.583	0.637	17.81
22) T	Diisopropyl ether	2.854	2.611	2.479	2.408	2.349	2.440	2.523	7.29
23) T	Vinyl Acetate	2.301	2.238	2.197	2.171	2.126	2.176	2.202	2.77
24) P	1,1-Dichloroethan	1.482	1.326	1.236	1.210	1.180	1.210	1.274	8.91
25) T	2-Butanone	0.707	0.650	0.623	0.612	0.606	0.613	0.635	6.07
26) T	2,2-Dichloropropa	0.884	0.862	0.821	0.830	0.824	0.863	0.847	3.04
27) T	cis-1,2-Dichloroe	0.844	0.718	0.689	0.675	0.661	0.682	0.711	9.49
28) T	Bromochloromethan	0.767	0.642	0.674	0.585	0.561	0.547	0.629	13.21
29) T	Tetrahydrofuran	0.499	0.423	0.407	0.395	0.390	0.398	0.419	9.77
30) C	Chloroform	1.324	1.201	1.114	1.097	1.068	1.093	1.150	8.41#
31) T	Cyclohexane	1.436	1.274	1.174	1.144	1.118	1.144	1.215	9.97
32) T	1,1,1-Trichloroet	1.005	0.918	0.894	0.893	0.884	0.919	0.919	4.83
33) S	1,2-Dichloroethan		0.806	0.788	0.737	0.721	0.738	0.758	4.84
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.333	0.339	0.323	0.315	0.321	0.326	2.98
36) T	1,1-Dichloroprope	0.675	0.525	0.496	0.504	0.495	0.503	0.533	13.21
37) T	Ethyl Acetate	0.737	0.712	0.679	0.679	0.659	0.677	0.691	4.13
38) T	Carbon Tetrachlor	0.478	0.454	0.422	0.441	0.430	0.445	0.445	4.41
39) T	Methylcyclohexane	0.710	0.653	0.611	0.618	0.608	0.622	0.637	6.13
40) TM	Benzene	1.794	1.688	1.554	1.537	1.490	1.513	1.596	7.46
41) T	Methacrylonitrile	0.407	0.409	0.377	0.383	0.375	0.379	0.388	4.00
42) TM	1,2-Dichloroethan	0.709	0.620	0.557	0.549	0.531	0.539	0.584	11.76
43) T	Isopropyl Acetate	1.188	1.086	1.055	1.083	1.089	1.128	1.105	4.24
44) TM	Trichloroethene	0.466	0.385	0.347	0.351	0.345	0.355	0.375	12.52
45) C	1,2-Dichloropropa	0.517	0.467	0.439	0.441	0.425	0.433	0.454	7.48#
46) T	Dibromomethane	0.320	0.266	0.251	0.251	0.247	0.255	0.265	10.40
47) T	Bromodichlorometh	0.521	0.506	0.491	0.504	0.501	0.519	0.507	2.24
48) T	Methyl methacryla	0.545	0.559	0.540	0.551	0.552	0.570	0.553	1.95
49) T	1,4-Dioxane	0.012	0.012	0.011	0.011	0.010	0.010	0.011	9.15
50) S	Toluene-d8		1.337	1.328	1.304	1.261	1.288	1.304	2.36
51) T	4-Methyl-2-Pentan	0.726	0.748	0.702	0.717	0.712	0.700	0.717	2.47
52) CM	Toluene	1.075	0.995	0.912	0.921	0.900	0.922	0.954	7.12#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.513	0.500	0.531	0.570	0.591	0.627	0.555	8.87
54) T	cis-1,3-Dichlorop	0.641	0.600	0.602	0.638	0.642	0.668	0.632	4.15
55) T	1,1,2-Trichloroet	0.419	0.409	0.378	0.377	0.367	0.380	0.388	5.35
56) T	Ethyl methacrylat	0.675	0.709	0.680	0.706	0.717	0.721	0.701	2.73
57) T	1,3-Dichloropropa	0.782	0.723	0.669	0.671	0.655	0.679	0.696	6.89
58) T	2-Chloroethyl Vin	0.340	0.378	0.354	0.367	0.356	0.380	0.362	4.20
59) T	2-Hexanone	0.548	0.590	0.545	0.567	0.551	0.535	0.556	3.51
60) T	Dibromochlorometh	0.358	0.355	0.356	0.374	0.377	0.397	0.369	4.47
61) T	1,2-Dibromoethane	0.416	0.403	0.387	0.390	0.384	0.399	0.396	3.06
62) S	4-Bromofluorobenz		0.475	0.483	0.486	0.485	0.487	0.483	1.04
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.409	0.354	0.326	0.319	0.308	0.315	0.338	11.25
65) PM	Chlorobenzene	1.232	1.113	1.056	1.043	1.029	1.051	1.087	7.04
66) T	1,1,1,2-Tetrachlo	0.375	0.382	0.366	0.374	0.371	0.384	0.375	1.73
67) C	Ethyl Benzene	2.288	2.132	1.970	1.996	1.941	1.986	2.052	6.49#
68) T	m/p-Xylenes	0.826	0.772	0.722	0.723	0.710	0.725	0.747	5.94
69) T	o-Xylene	0.771	0.763	0.708	0.706	0.693	0.706	0.724	4.60
70) T	Styrene	1.293	1.257	1.227	1.243	1.241	1.249	1.251	1.83
71) P	Bromoform	0.275	0.280	0.275	0.305	0.315	0.327	0.296	7.64
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.556	4.327	4.035	3.893	3.742	3.853	4.068	7.69
74) T	N-amyl acetate	2.334	2.449	2.317	2.407	2.282	2.338	2.354	2.63
75) P	1,1,2,2-Tetrachlo	1.840	1.707	1.532	1.511	1.429	1.451	1.578	10.24
76) T	1,2,3-Trichloropr	1.677	1.570	1.436	1.471	1.389	1.375	1.486	7.86
77) T	Bromobenzene	1.194	1.026	0.939	0.933	0.912	0.919	0.987	11.06
78) T	n-propylbenzene	5.229	4.952	4.716	4.617	4.504	4.573	4.765	5.78
79) T	2-Chlorotoluene	3.395	3.055	2.834	2.773	2.652	2.681	2.898	9.75
80) T	1,3,5-Trimethylbe	3.723	3.633	3.414	3.324	3.228	3.313	3.439	5.70
81) T	trans-1,4-Dichlor	0.420	0.395	0.427	0.492	0.513	0.537	0.464	12.42
82) T	4-Chlorotoluene	3.852	3.468	3.231	3.191	3.131	3.187	3.343	8.24
83) T	tert-Butylbenzene	3.526	3.498	3.320	3.187	3.148	3.228	3.318	4.86
84) T	1,2,4-Trimethylbe	3.854	3.651	3.437	3.359	3.269	3.300	3.478	6.59
85) T	sec-Butylbenzene	4.301	4.127	3.928	3.835	3.714	3.802	3.951	5.61
86) T	p-Isopropyltoluen	3.618	3.583	3.482	3.443	3.367	3.427	3.486	2.76
87) T	1,3-Dichlorobenze	2.121	1.823	1.683	1.659	1.635	1.663	1.764	10.61
88) T	1,4-Dichlorobenze	2.205	1.831	1.685	1.666	1.629	1.666	1.780	12.33
89) T	n-Butylbenzene	3.406	3.219	3.220	3.277	3.293	3.402	3.303	2.54
90) T	Hexachloroethane	0.577	0.574	0.551	0.577	0.586	0.619	0.581	3.82
91) T	1,2-Dichlorobenze	2.083	1.853	1.690	1.698	1.611	1.665	1.766	9.91
92) T	1,2-Dibromo-3-Chl	0.406	0.336	0.335	0.336	0.322	0.330	0.344	8.89
93) T	1,2,4-Trichlorobe	1.388	1.165	1.131	1.159	1.124	1.169	1.189	8.32
94) T	Hexachlorobutadie	0.621	0.585	0.540	0.556	0.532	0.554	0.565	5.86
95) T	Naphthalene	4.660	4.012	4.107	3.997	3.784	3.903	4.077	7.50
96) T	1,2,3-Trichlorobe	1.380	1.198	1.174	1.153	1.111	1.153	1.195	7.96

(#) = Out of Range