

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X101920W.M
 Title : SW846 8260
 Last Update : Mon Oct 19 18:41:11 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX018955.D 5 =VX018956.D 20 =VX018957.D
 50 =VX018958.D 100 =VX018959.D 150 =VX018960.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.434	0.445	0.456	0.466	0.446	0.449	0.449	2.41
3) P	Chloromethane	0.539	0.536	0.488	0.491	0.441	0.443	0.490	8.73
4) C	Vinyl Chloride	0.692	0.692	0.668	0.673	0.620	0.594	0.657	6.14#
5) T	Bromomethane		0.758	0.611	0.570	0.411	0.386	0.547	27.96
6) T	Chloroethane		0.516	0.476	0.491	0.451	0.434	0.474	6.84
7) T	Trichlorofluorome	1.142	1.184	1.128	1.137	1.049	1.008	1.108	5.96
8) T	Diethyl Ether	0.468	0.475	0.435	0.450	0.408	0.399	0.439	7.14
9) T	1,1,2-Trichlorotr	0.671	0.665	0.602	0.626	0.554	0.542	0.610	8.96
10) T	Methyl Iodide		0.499	0.532	0.599	0.607	0.635	0.574	9.85
11) T	Tert butyl alcoho		0.177	0.146	0.150	0.133	0.138	0.149	11.55
12) CM	1,1-Dichloroethen	0.727	0.701	0.635	0.662	0.598	0.585	0.651	8.64#
13) T	Acrolein		0.119	0.090	0.097	0.091	0.092	0.098	12.57
14) T	Allyl chloride	0.987	0.864	0.742	0.747	0.689	0.687	0.786	14.95
15) T	Acrylonitrile	0.289	0.290		0.278	0.257	0.256	0.274	6.06
16) T	Acetone	0.400	0.323	0.286	0.246	0.215	0.215	0.281	25.70
17) T	Carbon Disulfide	1.817	1.576	1.380	1.415	1.318	1.370	1.479	12.65
18) T	Methyl Acetate	0.819	0.601	0.578	0.610	0.554	0.565	0.621	15.96
19) T	Methyl tert-butyl	1.763	1.798	1.609	1.685	1.614	1.592	1.677	5.18
20) T	Methylene Chlorid	0.695	0.655	0.557	0.561	0.538	0.553	0.593	10.99
21) T	trans-1,2-Dichlor	0.647	0.617	0.560	0.583	0.582	0.591	0.597	5.13
22) T	Diisopropyl ether	1.545	1.567	1.427	1.486	1.372	1.322	1.453	6.65
23) T	Vinyl Acetate	1.426	1.489	1.406	1.456	1.342	1.300	1.403	5.05
24) P	1,1-Dichloroethan	1.052	1.074	0.968	1.009	0.943	0.930	0.996	5.92
25) T	2-Butanone	0.454	0.425	0.400	0.409	0.370	0.364	0.404	8.39
26) T	2,2-Dichloropropa	0.978	1.019	0.908	0.942	0.884	0.867	0.933	6.21
27) T	cis-1,2-Dichloroe	0.754	0.708	0.654	0.697	0.672	0.668	0.692	5.23
28) T	Bromochloromethan	0.411	0.478	0.406	0.430	0.401	0.390	0.419	7.56
29) T	Tetrahydrofuran	0.268	0.250	0.230	0.243	0.218	0.213	0.237	8.77
30) C	Chloroform	1.118	1.161	1.031	1.097	1.043	1.016	1.077	5.27#
31) T	Cyclohexane		0.873	0.768	0.808	0.761	0.728	0.787	7.04
32) T	1,1,1-Trichloroet	1.002	1.006	0.930	1.003	0.958	0.939	0.973	3.57
33) S	1,2-Dichloroethan		0.786	0.587	0.616	0.601	0.603	0.639	13.01
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.340	0.256	0.292	0.325	0.335	0.310	11.42
36) T	1,1-Dichloroprope	0.522	0.501	0.438	0.465	0.467	0.459	0.475	6.41
37) T	Ethyl Acetate	0.599	0.479	0.423	0.449	0.438	0.429	0.470	14.17
38) T	Carbon Tetrachlor	0.487	0.498	0.452	0.493	0.504	0.508	0.490	4.09
39) T	Methylcyclohexane	0.520	0.523	0.478	0.510	0.525	0.510	0.511	3.40
40) TM	Benzene	1.376	1.421	1.285	1.379	1.392	1.356	1.368	3.37
41) T	Methacrylonitrile	0.296	0.246	0.226	0.237	0.226	0.227	0.243	11.21
42) TM	1,2-Dichloroethan	0.462	0.506	0.458	0.477	0.463	0.448	0.469	4.35
43) T	Isopropyl Acetate	0.850	0.807	0.720	0.746	0.718	0.700	0.757	7.79
44) TM	Trichloroethene	0.388	0.382	0.339	0.366	0.397	0.394	0.378	5.78
45) C	1,2-Dichloropropa	0.366	0.352	0.314	0.333	0.337	0.328	0.338	5.38#
46) T	Dibromomethane	0.247	0.242	0.226	0.243	0.250	0.244	0.242	3.51
47) T	Bromodichlorometh	0.480	0.502	0.465	0.493	0.503	0.491	0.489	2.97
48) T	Methyl methacryla	0.389	0.372	0.337	0.346	0.333	0.330	0.351	6.84
49) T	1,4-Dioxane	0.008	0.008	0.008	0.008	0.008	0.008	0.008	3.62
50) S	Toluene-d8		1.329	1.006	1.155	1.253	1.259	1.200	10.42
51) T	4-Methyl-2-Pentan	0.445	0.462	0.429	0.451	0.424	0.428	0.440	3.47
52) CM	Toluene	0.867	0.902	0.805	0.916	0.914	0.903	0.885	4.84#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.557	0.570	0.507	0.574	0.564	0.561	0.556	4.40
54) T	cis-1,3-Dichlorop	0.581	0.606	0.547	0.592	0.602	0.589	0.586	3.63
55) T	1,1,2-Trichloroet	0.328	0.352	0.320	0.361	0.362	0.359	0.347	5.29
56) T	Ethyl methacrylat	0.499	0.546	0.499	0.558	0.543	0.551	0.533	4.96
57) T	1,3-Dichloropropa	0.592	0.612	0.539	0.594	0.586	0.578	0.583	4.20
58) T	2-Chloroethyl Vin	0.352	0.291	0.267	0.287	0.285	0.282	0.294	10.09
59) T	2-Hexanone	0.336	0.346	0.325	0.344	0.321	0.333	0.334	3.03
60) T	Dibromochlorometh	0.330	0.379	0.335	0.412	0.427	0.424	0.384	11.41
61) T	1,2-Dibromoethane	0.356	0.382	0.342	0.393	0.388	0.396	0.376	5.88
62) S	4-Bromofluorobenz		0.477	0.333	0.414	0.434	0.471	0.426	13.66
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.371	0.346	0.317	0.347	0.378	0.360	0.353	6.16
65) PM	Chlorobenzene	1.054	1.083	0.962	1.036	1.080	1.062	1.046	4.29
66) T	1,1,1,2-Tetrachlo	0.364	0.380	0.351	0.387	0.414	0.408	0.384	6.41
67) C	Ethyl Benzene	1.743	1.938	1.713	1.823	1.862	1.819	1.816	4.48#
68) T	m/p-Xylenes	0.654	0.731	0.647	0.713	0.748	0.732	0.704	6.10
69) T	o-Xylene	0.675	0.675	0.618	0.691	0.716	0.702	0.679	4.98
70) T	Styrene	1.067	1.166	1.027	1.171	1.209	1.214	1.142	6.78
71) P	Bromoform	0.229	0.287	0.270	0.326	0.357	0.376	0.308	18.10
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.752	4.021	3.545	3.459	3.619	3.342	3.623	6.61
74) T	N-amyl acetate	1.594	1.549	1.342	1.220	1.249	1.206	1.360	12.59
75) P	1,1,2,2-Tetrachlo	1.281	1.329	1.141	1.114	1.123	1.095	1.180	8.37
76) T	1,2,3-Trichloropr	1.167	1.268	1.094	1.016	1.008	0.968	1.087	10.46
77) T	Bromobenzene	0.864	0.906	0.795	0.851	0.934	0.918	0.878	5.88
78) T	n-propylbenzene	4.529	4.603	3.962	3.935	4.012	3.809	4.142	8.12
79) T	2-Chlorotoluene	2.697	2.688	2.295	2.303	2.307	2.215	2.418	8.92
80) T	1,3,5-Trimethylbe	2.974	3.370	2.886	2.976	3.028	2.909	3.024	5.86
81) T	trans-1,4-Dichlor		0.478	0.424	0.420	0.421	0.415	0.431	6.07
82) T	4-Chlorotoluene	3.201	3.212	2.787	2.741	2.791	2.700	2.905	8.11
83) T	tert-Butylbenzene	3.011	3.291	2.893	2.959	3.033	2.921	3.018	4.76
84) T	1,2,4-Trimethylbe	2.960	3.318	2.956	3.006	2.994	2.891	3.021	5.01
85) T	sec-Butylbenzene	3.597	3.989	3.414	3.470	3.484	3.339	3.549	6.53
86) T	p-Isopropyltoluen	3.314	3.478	3.047	3.160	3.319	3.156	3.246	4.75
87) T	1,3-Dichlorobenze	1.785	1.724	1.475	1.585	1.693	1.624	1.648	6.69
88) T	1,4-Dichlorobenze	1.921	1.776	1.519	1.652	1.730	1.680	1.713	7.84
89) T	n-Butylbenzene	3.045	3.287	2.778	2.843	2.934	2.862	2.958	6.25
90) T	Hexachloroethane	0.510	0.572	0.488	0.518	0.552	0.539	0.530	5.79
91) T	1,2-Dichlorobenze	1.596	1.635	1.473	1.582	1.619	1.599	1.584	3.64
92) T	1,2-Dibromo-3-Chl	0.263	0.297	0.265	0.259	0.264	0.262	0.268	5.22
93) T	1,2,4-Trichlorobe	1.212	1.072	0.932	1.044	1.142	1.181	1.097	9.37
94) T	Hexachlorobutadie	0.487	0.495	0.387	0.434	0.450	0.484	0.456	9.07
95) T	Naphthalene	3.717	3.811	3.447	3.697	3.920	3.832	3.737	4.38
96) T	1,2,3-Trichlorobe	1.055	1.080	0.934	1.026	1.135	1.142	1.062	7.26

(#) = Out of Range