

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X071618W.M
 Title : SW846 8260
 Last Update : Mon Jul 16 13:15:28 2018
 Response Via : Initial Calibration

Calibration Files

1 =VX003389.D 5 =VX003390.D 20 =VX003391.D
 50 =VX003392.D 100 =VX003393.D 150 =VX003394.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.559	0.584	0.595	0.556	0.490	0.602	0.564	7.26
3) P	Chloromethane	0.736	0.682	0.591	0.564	0.500	0.592	0.611	13.89
4) C	Vinyl Chloride	0.730	0.739	0.676	0.625	0.553	0.672	0.666	10.39#
5) T	Bromomethane	0.648	0.383	0.303	0.244	0.211		0.358	48.92
6) T	Chloroethane	0.540	0.476	0.423	0.386	0.355		0.436	16.89
7) T	Trichlorofluorome	0.992	1.014	0.917	0.821	0.710	0.843	0.883	12.99
8) T	Diethyl Ether	0.432	0.414	0.375	0.347	0.315	0.383	0.378	11.32
9) T	1,1,2-Trichlorotr	0.632	0.635	0.561	0.509	0.453	0.556	0.558	12.64
10) T	Methyl Iodide		0.489	0.536	0.612	0.594	0.752	0.597	16.70
11) T	Tert butyl alcoho		0.162	0.151	0.138	0.125	0.161	0.147	10.88
12) CM	1,1-Dichloroethen	0.577	0.607	0.522	0.485	0.436	0.535	0.527	11.70#
13) T	Acrolein		0.085	0.068	0.063	0.065	0.072	0.071	12.47
14) T	Allyl chloride	1.037	1.116	0.976	0.888	0.795	0.925	0.956	11.85
15) T	Acrylonitrile	0.355	0.388	0.337	0.309	0.286	0.350	0.337	10.64
16) T	Acetone	0.303	0.307	0.270	0.248	0.229	0.278	0.272	11.23
17) T	Carbon Disulfide	1.693	1.611	1.378	1.315	1.195	1.485	1.446	12.90
18) T	Methyl Acetate	0.840	0.848	0.975	0.883	0.800	0.976	0.887	8.27
19) T	Methyl tert-butyl	1.893	1.988	1.754	1.624	1.459	1.783	1.750	10.81
20) T	Methylene Chlorid	0.800	0.729	0.597	0.548	0.490	0.596	0.627	18.48
21) T	trans-1,2-Dichlor	0.666	0.641	0.564	0.520	0.461	0.563	0.569	13.30
22) T	Diisopropyl ether	2.146	2.131	1.843	1.668	1.511	1.828	1.854	13.55
23) T	Vinyl Acetate	1.669	1.789	1.530	1.390	1.270	1.528	1.529	12.19
24) P	1,1-Dichloroethan	1.148	1.220	1.063	0.962	0.867	1.053	1.052	12.01
25) T	2-Butanone	0.433	0.471	0.430	0.407	0.368	0.448	0.426	8.30
26) T	2,2-Dichloropropa	0.856	0.861	0.749	0.680	0.590	0.695	0.738	14.35
27) T	cis-1,2-Dichloroe	0.658	0.688	0.613	0.583	0.511	0.622	0.612	10.06
28) T	Bromochloromethan	0.499	0.500	0.478	0.420	0.426	0.418	0.457	8.72
29) T	Tetrahydrofuran	0.276	0.287	0.275	0.263	0.237	0.283	0.270	6.70
30) C	Chloroform	1.041	1.067	0.990	0.932	0.822	0.965	0.969	9.01#
31) T	Cyclohexane	0.845	0.852	0.823	0.802	0.713	0.840	0.812	6.38
32) T	1,1,1-Trichloroet	0.833	0.895	0.851	0.802	0.716	0.850	0.825	7.40
33) S	1,2-Dichloroethan		0.776	0.683	0.595	0.604	0.616	0.655	11.58
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.450	0.422	0.387	0.387	0.376	0.405	7.56
36) T	1,1-Dichloroprope	0.559	0.530	0.508	0.500	0.439	0.503	0.506	7.90
37) T	Ethyl Acetate	0.613	0.649	0.569	0.538	0.485	0.569	0.571	10.00
38) T	Carbon Tetrachlor	0.539	0.537	0.524	0.512	0.455	0.525	0.515	5.99
39) T	Methylcyclohexane	0.623	0.592	0.576	0.578	0.508	0.600	0.580	6.71
40) TM	Benzene	1.617	1.629	1.581	1.543	1.345	1.528	1.541	6.72
41) T	Methacrylonitrile	0.330	0.333	0.315	0.305	0.274	0.325	0.314	7.04
42) TM	1,2-Dichloroethan	0.583	0.585	0.539	0.500	0.443	0.519	0.528	10.16
43) T	Isopropyl Acetate	0.870	0.899	0.869	0.843	0.770	0.915	0.861	5.97
44) TM	Trichloroethene	0.479	0.472	0.450	0.453	0.382	0.441	0.446	7.77
45) C	1,2-Dichloropropa	0.436	0.419	0.409	0.399	0.344	0.398	0.401	7.85#
46) T	Dibromomethane	0.299	0.280	0.264	0.265	0.229	0.264	0.267	8.60
47) T	Bromodichlorometh	0.492	0.493	0.491	0.494	0.437	0.524	0.489	5.77
48) T	Methyl methacryla	0.431	0.432	0.446	0.441	0.401	0.485	0.439	6.19
49) T	1,4-Dioxane	0.010	0.010	0.010	0.010	0.009	0.011	0.010	6.34
50) S	Toluene-d8		1.534	1.538	1.486	1.451	1.456	1.493	2.78
51) T	4-Methyl-2-Pentan	0.508	0.591	0.591	0.576	0.518	0.617	0.567	7.74
52) CM	Toluene	0.953	1.027	0.985	0.988	0.845	0.988	0.965	6.52#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.530	0.570	0.587	0.609	0.531	0.635	0.577	7.30
54) T	cis-1,3-Dichlorop	0.466	0.520	0.531	0.549	0.493	0.601	0.527	8.85
55) T	1,1,2-Trichloroet	0.411	0.425	0.414	0.406	0.345	0.417	0.403	7.18
56) T	Ethyl methacrylat	0.497	0.569	0.574	0.597	0.532	0.654	0.571	9.43
57) T	1,3-Dichloropropa	0.645	0.684	0.663	0.657	0.564	0.674	0.648	6.67
58) T	2-Chloroethyl Vin	0.252	0.279	0.298	0.302	0.272	0.313	0.286	7.95
59) T	2-Hexanone	0.382	0.444	0.454	0.442	0.405	0.486	0.436	8.52
60) T	Dibromochlorometh	0.368	0.389	0.397	0.420	0.369	0.460	0.400	8.74
61) T	1,2-Dibromoethane	0.411	0.425	0.425	0.423	0.367	0.442	0.415	6.22
62) S	4-Bromofluorobenz		0.500	0.529	0.535	0.540	0.561	0.533	4.08
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.554	0.557	0.552	0.534	0.452	0.488	0.523	8.28
65) PM	Chlorobenzene	1.260	1.241	1.200	1.192	1.035	1.160	1.181	6.77
66) T	1,1,1,2-Tetrachlo	0.412	0.422	0.441	0.433	0.378	0.433	0.420	5.41
67) C	Ethyl Benzene	1.958	1.941	2.005	1.976	1.747	1.956	1.931	4.79#
68) T	m/p-Xylenes	0.708	0.746	0.783	0.779	0.689	0.776	0.747	5.37
69) T	o-Xylene	0.654	0.698	0.760	0.761	0.677	0.753	0.717	6.53
70) T	Stvrene	1.024	1.169	1.246	1.265	1.127	1.251	1.180	7.94
71) P	Bromoform	0.307	0.308	0.339	0.360	0.328	0.384	0.338	8.93
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.064	3.339	3.413	3.289	2.941	3.162	3.201	5.58
74) T	N-amyl acetate	1.734	1.661	1.595	1.453	1.336	1.460	1.540	9.66
75) P	1,1,2,2-Tetrachlo	1.094	1.157	1.104	1.027	0.928	1.032	1.057	7.56
76) T	1,2,3-Trichloropr	0.976	0.984	0.957	0.886	0.788	0.840	0.905	8.87
77) T	Bromobenzene	0.947	0.959	0.939	0.922	0.805	0.883	0.909	6.33
78) T	n-propylbenzene	3.392	3.647	3.856	3.704	3.242	3.620	3.577	6.21
79) T	2-Chlorotoluene	2.213	2.325	2.327	2.196	1.935	2.161	2.193	6.56
80) T	1,3,5-Trimethylbe	2.325	2.680	2.825	2.749	2.406	2.706	2.615	7.69
81) T	trans-1,4-Dichlor	0.229	0.255	0.283	0.298	0.284	0.321	0.279	11.60
82) T	4-Chlorotoluene	2.568	2.645	2.699	2.568	2.300	2.571	2.558	5.37
83) T	tert-Butylbenzene	2.337	2.600	2.691	2.677	2.348	2.683	2.556	6.60
84) T	1,2,4-Trimethylbe	2.455	2.726	2.866	2.819	2.471	2.783	2.687	6.66
85) T	sec-Butylbenzene	2.876	3.167	3.270	3.234	2.830	3.226	3.101	6.29
86) T	p-Isopropyltoluen	2.439	2.792	2.940	2.926	2.557	2.907	2.760	7.72
87) T	1,3-Dichlorobenze	1.818	1.752	1.683	1.664	1.438	1.632	1.664	7.79
88) T	1,4-Dichlorobenze	1.883	1.798	1.703	1.664	1.450	1.642	1.690	8.77
89) T	n-Butylbenzene	2.276	2.302	2.330	2.449	2.229	2.521	2.351	4.73
90) T	Hexachloroethane	0.414	0.400	0.391	0.427	0.404	0.473	0.418	7.08
91) T	1,2-Dichlorobenze	1.786	1.778	1.656	1.681	1.488	1.639	1.671	6.52
92) T	1,2-Dibromo-3-Chl	0.203	0.220	0.215	0.225	0.214	0.241	0.220	5.72
93) T	1,2,4-Trichlorobe	1.170	1.138	1.089	1.208	1.048	1.209	1.144	5.71
94) T	Hexachlorobutadie	0.597	0.559	0.527	0.574	0.492	0.555	0.551	6.68
95) T	Naphthalene	2.790	3.143	3.329	3.643	3.161	3.603	3.278	9.76
96) T	1,2,3-Trichlorobe	1.166	1.181	1.157	1.242	1.105	1.207	1.176	3.95

(#) = Out of Range