

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X121319W.M
 Title : SW846 8260
 Last Update : Tue Dec 17 03:01:07 2019
 Response Via : Initial Calibration

Calibration Files

1 =VX014007.D 5 =VX014008.D 20 =VX014009.D
 50 =VX014010.D 100 =VX014011.D 150 =VX014012.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.477	0.447	0.446	0.431	0.441	0.442	0.447	3.52
3) P	Chloromethane	0.668	0.604	0.599	0.583	0.571	0.577	0.600	5.91
4) C	Vinyl Chloride	0.767	0.606	0.615	0.603	0.608	0.602	0.633	10.36#
5) T	Bromomethane		0.513	0.434	0.414	0.432	0.454	0.450	8.54
6) T	Chloroethane	0.457	0.403	0.377	0.373	0.369	0.366	0.391	8.98
7) T	Trichlorofluorome	0.889	0.764	0.766	0.753	0.762	0.771	0.784	6.58
8) T	Diethyl Ether	0.446	0.372	0.349	0.345	0.345	0.351	0.368	10.75
9) T	1,1,2-Trichlorotr	0.521	0.489	0.459	0.449	0.456	0.462	0.473	5.80
10) T	Methyl Iodide		0.427	0.541	0.612	0.651	0.643	0.575	16.27
11) T	Tert butyl alcoho		0.150	0.116	0.112	0.116	0.119	0.122	12.57
12) CM	1,1-Dichloroethen	0.532	0.487	0.459	0.457	0.471	0.479	0.481	5.72#
13) T	Acrolein		0.068	0.062	0.065	0.073	0.083	0.070	12.01
14) T	Allyl chloride	0.925	0.814	0.839	0.834	0.863	0.878	0.859	4.57
15) T	Acrylonitrile	0.300	0.294	0.280	0.272	0.281	0.287	0.286	3.52
16) T	Acetone	0.397	0.332	0.394	0.366	0.365	0.354	0.368	6.68
17) T	Carbon Disulfide	1.891	1.351	1.288	1.290	1.324	1.363	1.418	16.48
18) T	Methyl Acetate	0.801	0.708	0.702	0.690	0.731	0.742	0.729	5.53
19) T	Methyl tert-butyl	1.649	1.571	1.550	1.545	1.569	1.600	1.580	2.45
20) T	Methylene Chlorid	0.735	0.604	0.546	0.523	0.531	0.538	0.579	14.02
21) T	trans-1,2-Dichlor	0.629	0.532	0.502	0.496	0.509	0.511	0.530	9.42
22) T	Diisopropyl ether	1.791	1.733	1.690	1.662	1.681	1.711	1.711	2.69
23) T	Vinyl Acetate	1.465	1.404	1.418	1.382	1.334	1.375	1.397	3.16
24) P	1,1-Dichloroethan	1.111	0.946	0.903	0.899	0.922	0.932	0.952	8.41
25) T	2-Butanone	0.439	0.450	0.473	0.450	0.456	0.454	0.454	2.49
26) T	2,2-Dichloropropa	0.826	0.688	0.711	0.719	0.740	0.752	0.739	6.49
27) T	cis-1,2-Dichloroe	0.703	0.573	0.576	0.568	0.582	0.593	0.599	8.63
28) T	Bromochloromethan	0.286	0.222	0.374	0.371	0.371	0.366	0.332	19.15
29) T	Tetrahydrofuran	0.271	0.249	0.248	0.244	0.253	0.257	0.254	3.80
30) C	Chloroform	0.989	0.885	0.883	0.878	0.882	0.898	0.903	4.77#
31) T	Cyclohexane		0.850	0.840	0.839	0.846	0.859	0.847	0.94
32) T	1,1,1-Trichloroet	0.844	0.750	0.738	0.743	0.764	0.776	0.769	5.10
33) S	1,2-Dichloroethan		0.620	0.520	0.554	0.563	0.577	0.567	6.39
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.322	0.276	0.301	0.306	0.315	0.304	5.76
36) T	1,1-Dichloroprope	0.518	0.447	0.438	0.441	0.450	0.458	0.459	6.54
37) T	Ethyl Acetate	0.499	0.504	0.515	0.502	0.505	0.514	0.507	1.25
38) T	Carbon Tetrachlor	0.429	0.394	0.402	0.418	0.426	0.439	0.418	4.11
39) T	Methylcyclohexane	0.628	0.539	0.552	0.548	0.560	0.572	0.566	5.64
40) TM	Benzene	1.587	1.419	1.367	1.353	1.369	1.374	1.412	6.30
41) T	Methacrylonitrile	0.296	0.257	0.287	0.270	0.291	0.286	0.281	5.22
42) TM	1,2-Dichloroethan	0.491	0.503	0.480	0.459	0.466	0.471	0.479	3.45
43) T	Isopropyl Acetate	0.849	0.822	0.815	0.820	0.854	0.871	0.838	2.74
44) TM	Trichloroethene	0.477	0.386	0.361	0.362	0.374	0.379	0.390	11.24
45) C	1,2-Dichloropropa	0.391	0.365	0.355	0.348	0.354	0.357	0.362	4.21#
46) T	Dibromomethane	0.297	0.223	0.227	0.225	0.228	0.234	0.239	11.94
47) T	Bromodichlorometh	0.480	0.419	0.429	0.444	0.460	0.472	0.451	5.34
48) T	Methyl methacryla	0.417	0.384	0.406	0.406	0.423	0.428	0.411	3.89
49) T	1,4-Dioxane	0.009	0.009	0.008	0.008	0.008	0.008	0.008	7.43
50) S	Toluene-d8		1.238	1.102	1.191	1.190	1.196	1.183	4.19
51) T	4-Methyl-2-Pentan	0.510	0.545	0.527	0.515	0.528	0.534	0.527	2.37
52) CM	Toluene	1.011	0.885	0.870	0.858	0.860	0.870	0.892	6.59#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.466	0.425	0.478	0.508	0.534	0.553	0.494	9.51
54) T	cis-1,3-Dichlorop	0.520	0.497	0.546	0.562	0.580	0.597	0.550	6.78
55) T	1,1,2-Trichloroet	0.398	0.345	0.357	0.345	0.347	0.354	0.358	5.75
56) T	Ethyl methacrylat	0.519	0.526	0.556	0.570	0.594	0.607	0.562	6.30
57) T	1,3-Dichloropropa	0.645	0.601	0.589	0.588	0.590	0.596	0.602	3.63
58) T	2-Chloroethyl Vin	0.180	0.208	0.216	0.221	0.223	0.228	0.213	8.25
59) T	2-Hexanone	0.385	0.421	0.439	0.426	0.437	0.435	0.424	4.79
60) T	Dibromochlorometh	0.330	0.321	0.346	0.361	0.380	0.394	0.355	7.98
61) T	1,2-Dibromoethane	0.388	0.344	0.362	0.361	0.366	0.374	0.366	4.02
62) S	4-Bromofluorobenz		0.436	0.387	0.434	0.446	0.461	0.433	6.39
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.489	0.418	0.403	0.424	0.472	0.449	0.442	7.55
65) PM	Chlorobenzene	1.214	1.071	1.027	1.016	1.024	1.028	1.063	7.18
66) T	1,1,1,2-Tetrachlo	0.404	0.363	0.370	0.372	0.382	0.387	0.380	3.92
67) C	Ethyl Benzene	1.986	1.800	1.789	1.809	1.789	1.794	1.828	4.26#
68) T	m/p-Xylenes	0.764	0.693	0.683	0.689	0.694	0.695	0.703	4.28
69) T	o-Xylene	0.742	0.689	0.667	0.676	0.678	0.685	0.689	3.91
70) T	Styrene	1.222	1.076	1.125	1.172	1.187	1.213	1.166	4.79
71) P	Bromoform	0.287	0.260	0.280	0.310	0.337	0.356	0.305	11.97
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.867	3.577	3.530	3.471	3.394	3.284	3.520	5.64
74) T	N-amyl acetate	1.669	1.583	1.637	1.657	1.682	1.673	1.650	2.20
75) P	1,1,2,2-Tetrachlo	1.306	1.258	1.224	1.194	1.179	1.162	1.220	4.44
76) T	1,2,3-Trichloropr	1.076	1.126	1.113	1.098	1.063	1.037	1.085	3.08
77) T	Bromobenzene	1.205	0.961	0.930	0.902	0.910	0.904	0.969	12.20
78) T	n-propylbenzene	4.283	3.780	3.945	3.963	3.926	3.794	3.949	4.60
79) T	2-Chlorotoluene	2.727	2.375	2.383	2.360	2.302	2.255	2.400	6.98
80) T	1,3,5-Trimethylbe	3.201	2.926	2.963	2.927	2.913	2.846	2.963	4.14
81) T	trans-1,4-Dichlor		0.306	0.360	0.401	0.425	0.431	0.385	13.56
82) T	4-Chlorotoluene	3.186	2.727	2.722	2.688	2.713	2.669	2.784	7.12
83) T	tert-Butylbenzene	3.255	2.927	2.866	2.807	2.719	2.726	2.883	6.90
84) T	1,2,4-Trimethylbe	3.148	2.928	2.962	2.940	2.923	2.901	2.967	3.06
85) T	sec-Butylbenzene	3.705	3.313	3.325	3.368	3.395	3.317	3.404	4.43
86) T	p-Isopropyltoluen	3.200	3.057	3.079	3.101	3.122	3.122	3.114	1.59
87) T	1,3-Dichlorobenze	2.043	1.661	1.617	1.602	1.634	1.630	1.698	10.02
88) T	1,4-Dichlorobenze	2.201	1.698	1.598	1.595	1.629	1.636	1.726	13.65
89) T	n-Butylbenzene	2.768	2.384	2.527	2.696	2.777	2.787	2.657	6.22
90) T	Hexachloroethane	0.569	0.505	0.537	0.560	0.587	0.598	0.559	6.06
91) T	1,2-Dichlorobenze	2.038	1.727	1.632	1.627	1.623	1.607	1.709	9.75
92) T	1,2-Dibromo-3-Chl	0.346	0.265	0.246	0.252	0.258	0.253	0.270	13.94
93) T	1,2,4-Trichlorobe	1.309	0.998	1.013	1.076	1.131	1.138	1.111	10.19
94) T	Hexachlorobutadie	0.685	0.494	0.481	0.506	0.524	0.512	0.534	14.17
95) T	Naphthalene	3.470	2.850	3.146	3.318	3.415	3.380	3.263	7.09
96) T	1,2,3-Trichlorobe	1.218	1.011	1.035	1.088	1.120	1.107	1.096	6.65

(#) = Out of Range