

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : 82U100118W.M
 Title : SW846 8260
 Last Update : Tue Oct 02 02:04:34 2018
 Response Via : Initial Calibration

Calibration Files

1 =VU027311.D 5 =VU027312.D 20 =VU027318.D
 50 =VU027314.D 100 =VU027315.D 150 =VU027316.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.574	0.600	0.737	0.821	0.790	0.802	0.721	14.89
3) P	Chloromethane	0.987	0.881	0.966	1.036	0.982	1.004	0.976	5.35
4) C	Vinyl Chloride	0.818	0.850	0.897	0.979	0.974	0.986	0.917	7.93#
5) T	Bromomethane	0.375	0.376	0.371	0.392	0.401	0.467	0.397	9.13
6) T	Chloroethane	0.639	0.551	0.498	0.553	0.537	0.531	0.551	8.54
7) T	Trichlorofluorome	0.859	0.857	0.925	0.982	0.956	1.006	0.931	6.71
8) T	Diethyl Ether	0.405	0.422	0.421	0.445	0.437	0.443	0.429	3.61
9) T	1,1,2-Trichlorotr	0.489	0.529	0.522	0.575	0.556	0.572	0.541	6.18
10) T	Methyl Iodide		0.208	0.274	0.433	0.506	0.547	0.394	37.37
11) T	Tert butyl alcoho		0.178	0.165	0.176	0.175	0.185	0.176	4.00
12) CM	1,1-Dichloroethen	0.494	0.524	0.495	0.558	0.540	0.558	0.528	5.52#
13) T	Acrolein		0.162	0.135	0.146	0.143	0.151	0.148	6.93
14) T	Allyl chloride	1.132	1.188	1.176	1.331	1.296	1.402	1.254	8.37
15) T	Acrylonitrile	0.437	0.438	0.440	0.485	0.468	0.477	0.458	4.78
16) T	Acetone	0.604	0.511	0.446	0.507	0.452	0.440	0.493	12.69
17) T	Carbon Disulfide	1.934	1.848	1.807	1.956	1.928	1.956	1.905	3.28
18) T	Methyl Acetate	1.290	1.070	1.047	1.141	1.094	1.109	1.125	7.74
19) T	Methyl tert-butyl	2.005	2.028	2.035	2.225	2.193	2.210	2.116	4.88
20) T	Methylene Chlorid	0.730	0.668	0.658	0.705	0.675	0.687	0.687	3.86
21) T	trans-1,2-Dichlor	0.555	0.587	0.574	0.617	0.611	0.614	0.593	4.23
22) T	Diisopropyl ether	2.279	2.498	2.476	2.722	2.655	2.665	2.549	6.46
23) T	Vinyl Acetate	1.985	2.046	2.140	2.424	2.369	2.394	2.226	8.65
24) P	1,1-Dichloroethan	1.194	1.287	1.288	1.391	1.343	1.360	1.310	5.38
25) T	2-Butanone	0.610	0.675	0.645	0.727	0.686	0.692	0.673	6.01
26) T	2,2-Dichloropropa	1.108	1.066	1.030	1.110	1.074	1.073	1.077	2.77
27) T	cis-1,2-Dichloroe	0.681	0.632	0.644	0.710	0.697	0.705	0.678	4.83
28) T	Bromochloromethan	0.613	0.657	0.583	0.685	0.630	0.626	0.632	5.62
29) T	Tetrahydrofuran	0.392	0.395	0.420	0.455	0.437	0.445	0.424	6.21
30) C	Chloroform	1.116	1.129	1.123	1.234	1.187	1.197	1.164	4.17#
31) T	Cyclohexane	2.458	1.445	1.264	1.367	1.321	1.340	1.532	29.84
32) T	1,1,1-Trichloroet	0.900	0.962	0.945	1.044	1.015	1.017	0.981	5.53
33) S	1,2-Dichloroethan	1.042	0.822	0.759	0.790	0.793	0.802	0.835	12.42
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.413	0.332	0.307	0.329	0.336	0.339	0.343	10.57
36) T	1,1-Dichloroprope	0.528	0.517	0.515	0.568	0.556	0.573	0.543	4.77
37) T	Ethyl Acetate	0.719	0.628	0.663	0.733	0.727	0.739	0.702	6.46
38) T	Carbon Tetrachlor	0.458	0.470	0.470	0.516	0.508	0.520	0.490	5.54
39) T	Methylcyclohexane	0.568	0.583	0.593	0.680	0.681	0.703	0.635	9.41
40) TM	Benzene	1.526	1.506	1.514	1.662	1.621	1.659	1.581	4.66
41) T	Methacrylonitrile	0.369	0.365	0.379	0.426	0.415	0.426	0.397	7.26
42) TM	1,2-Dichloroethan	0.544	0.578	0.561	0.624	0.604	0.610	0.587	5.27
43) T	Isopropyl Acetate	0.933	1.017	1.041	1.196	1.155	1.196	1.090	9.96
44) TM	Trichloroethene	0.347	0.332	0.329	0.371	0.366	0.370	0.353	5.43
45) C	1,2-Dichloropropa	0.418	0.430	0.441	0.490	0.473	0.484	0.456	6.61#
46) T	Dibromomethane	0.219	0.245	0.251	0.279	0.273	0.278	0.258	9.24
47) T	Bromodichlorometh	0.490	0.495	0.512	0.576	0.558	0.577	0.535	7.53
48) T	Methyl methacryla	0.447	0.479	0.513	0.601	0.594	0.618	0.542	13.24
49) T	1,4-Dioxane	0.007	0.009	0.009	0.010	0.010	0.010	0.009	13.41
50) S	Toluene-d8	1.283	1.225	1.204	1.304	1.320	1.360	1.282	4.59
51) T	4-Methyl-2-Pentan	0.578	0.662	0.683	0.776	0.759	0.791	0.708	11.61
52) CM	Toluene	0.839	0.879	0.906	1.000	0.987	1.005	0.936	7.58#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.506	0.569	0.602	0.679	0.687	0.718	0.627	13.00
54) T	cis-1,3-Dichlorop	0.564	0.620	0.653	0.733	0.726	0.746	0.674	10.87
55) T	1,1,2-Trichloroet	0.334	0.350	0.360	0.398	0.387	0.397	0.371	7.23
56) T	Ethyl methacrylat	0.411	0.528	0.601	0.705	0.706	0.744	0.616	20.84
57) T	1,3-Dichloropropa	0.665	0.678	0.698	0.761	0.752	0.768	0.720	6.28
58) T	2-Chloroethyl Vin	0.241	0.286	0.358	0.387	0.390	0.403	0.344	19.09
59) T	2-Hexanone	0.449	0.502	0.529	0.604	0.592	0.620	0.549	12.24
60) T	Dibromochlorometh	0.307	0.344	0.360	0.399	0.404	0.420	0.372	11.45
61) T	1,2-Dibromoethane	0.363	0.363	0.381	0.422	0.413	0.425	0.395	7.36
62) S	4-Bromofluorobenz	0.514	0.430	0.426	0.472	0.494	0.523	0.477	8.73
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.300	0.300	0.301	0.328	0.314	0.325	0.311	4.16
65) PM	Chlorobenzene	1.028	1.017	1.004	1.087	1.068	1.112	1.052	4.07
66) T	1,1,1,2-Tetrachlo	0.323	0.348	0.351	0.385	0.380	0.393	0.363	7.41
67) C	Ethyl Benzene	1.672	1.687	1.765	2.008	1.996	2.061	1.865	9.44#
68) T	m/p-Xylenes	0.586	0.612	0.653	0.744	0.735	0.763	0.682	11.02
69) T	o-Xylene	0.499	0.593	0.625	0.719	0.712	0.741	0.648	14.40
70) T	Stvrene	0.810	0.874	1.033	1.195	1.204	1.270	1.064	17.86
71) P	Bromoform	0.245	0.273	0.273	0.309	0.315	0.339	0.292	11.79
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.251	3.429	3.588	3.970	3.770	3.780	3.631	7.22
74) T	N-amyl acetate	1.779	1.919	1.986	2.267	2.234	2.288	2.079	10.25
75) P	1,1,2,2-Tetrachlo	1.387	1.513	1.380	1.471	1.391	1.413	1.426	3.78
76) T	1,2,3-Trichloropr	1.228	1.442	1.256	1.369	1.194	1.287	1.296	7.18
77) T	Bromobenzene	0.823	0.821	0.806	0.891	0.856	0.867	0.844	3.84
78) T	n-propylbenzene	3.808	4.010	4.246	4.824	4.613	4.681	4.364	9.30
79) T	2-Chlorotoluene	2.518	2.584	2.570	2.802	2.658	2.676	2.635	3.83
80) T	1,3,5-Trimethylbe	2.458	2.733	2.936	3.263	3.160	3.189	2.957	10.57
81) T	trans-1,4-Dichlor	0.493	0.456	0.449	0.491	0.509	0.572	0.495	8.89
82) T	4-Chlorotoluene	2.636	2.817	2.908	3.260	3.133	3.185	2.990	8.10
83) T	tert-Butylbenzene	2.388	2.681	2.781	3.157	3.039	3.103	2.858	10.37
84) T	1,2,4-Trimethylbe	2.495	2.772	2.979	3.363	3.239	3.273	3.020	11.17
85) T	sec-Butylbenzene	2.886	3.262	3.582	4.017	3.892	3.967	3.601	12.53
86) T	p-Isopropyltoluen	2.469	2.783	3.026	3.453	3.354	3.416	3.083	12.90
87) T	1,3-Dichlorobenze	1.645	1.522	1.499	1.672	1.616	1.635	1.598	4.42
88) T	1,4-Dichlorobenze	1.686	1.589	1.556	1.690	1.622	1.655	1.633	3.30
89) T	n-Butylbenzene	2.152	2.407	2.738	3.280	3.297	3.384	2.876	18.14
90) T	Hexachloroethane	0.495	0.583	0.543	0.620	0.615	0.631	0.581	9.13
91) T	1,2-Dichlorobenze	1.465	1.492	1.499	1.650	1.606	1.621	1.556	5.07
92) T	1,2-Dibromo-3-Chl	0.261	0.320	0.310	0.343	0.328	0.334	0.316	9.20
93) T	1,2,4-Trichlorobe	0.830	0.868	0.960	1.119	1.117	1.145	1.007	13.80
94) T	Hexachlorobutadie	0.458	0.496	0.476	0.540	0.535	0.546	0.509	7.31
95) T	Naphthalene	2.745	2.726	3.281	3.805	3.804	3.887	3.375	16.01
96) T	1,2,3-Trichlorobe	0.976	0.899	1.005	1.154	1.118	1.141	1.049	9.89

(#) = Out of Range