

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X041519W.M
 Title : SW846 8260
 Last Update : Mon Apr 15 14:11:03 2019
 Response Via : Initial Calibration

Calibration Files

1 =VX008612.D 5 =VX008606.D 20 =VX008613.D
 50 =VX008608.D 100 =VX008609.D 150 =VX008610.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.641	0.625	0.543	0.568	0.546	0.530	0.576	8.11
3) P	Chloromethane	0.983	0.922	0.766	0.719	0.693	0.688	0.795	15.90
4) C	Vinyl Chloride	0.840	0.881	0.720	0.760	0.739	0.728	0.778	8.55#
5) T	Bromomethane	0.615	0.385	0.365	0.342	0.382	0.402	0.415	24.09
6) T	Chloroethane	0.825	0.519	0.478	0.451	0.424	0.400	0.516	30.40
7) T	Trichlorofluorome	0.909	0.966	0.800	0.851	0.837	0.798	0.860	7.68
8) T	Diethyl Ether	0.444	0.455	0.379	0.400	0.392	0.377	0.408	8.21
9) T	1,1,2-Trichlorotr	0.585	0.607	0.522	0.549	0.543	0.516	0.554	6.45
10) T	Methyl Iodide		0.373	0.328	0.518	0.532	0.531	0.456	21.50
11) T	Tert butyl alcoho		0.188	0.172	0.170	0.164	0.159	0.171	6.24
12) CM	1,1-Dichloroethen	0.664	0.610	0.539	0.563	0.558	0.534	0.578	8.63#
13) T	Acrolein		0.100	0.080	0.082	0.082	0.080	0.085	10.02
14) T	Allyl chloride	1.415	1.423	1.235	1.317	1.307	1.243	1.323	6.14
15) T	Acrylonitrile	0.498	0.506	0.432	0.450	0.425	0.402	0.452	9.19
16) T	Acetone	0.440	0.464	0.398	0.439	0.404	0.376	0.420	7.78
17) T	Carbon Disulfide	2.638	1.867	1.606	1.707	1.682	1.639	1.857	21.19
18) T	Methyl Acetate	1.189	1.136	0.953	0.971	0.955	0.908	1.019	11.26
19) T	Methyl tert-butyl	1.957	2.338	1.963	2.087	2.061	1.980	2.064	7.00
20) T	Methylene Chlorid	0.856	0.796	0.648	0.666	0.639	0.615	0.703	14.02
21) T	trans-1,2-Dichlor	0.732	0.693	0.567	0.596	0.593	0.569	0.625	11.15
22) T	Diisopropyl ether	2.638	2.919	2.402	2.531	2.455	2.359	2.551	8.06
23) T	Vinyl Acetate	2.072	2.462	2.148	2.278	2.230	2.124	2.219	6.32
24) P	1,1-Dichloroethan	1.285	1.414	1.188	1.255	1.243	1.191	1.263	6.59
25) T	2-Butanone	0.659	0.749	0.643	0.687	0.639	0.606	0.664	7.44
26) T	2,2-Dichloropropa	0.860	0.962	0.816	0.901	0.917	0.881	0.889	5.61
27) T	cis-1,2-Dichloroe	0.809	0.790	0.664	0.697	0.688	0.664	0.719	8.96
28) T	Bromochloromethan	0.756	0.662	0.584	0.577	0.520	0.497	0.599	16.00
29) T	Tetrahydrofuran	0.477	0.489	0.422	0.439	0.418	0.398	0.441	8.11
30) C	Chloroform	1.157	1.277	1.063	1.120	1.098	1.053	1.128	7.30#
31) T	Cyclohexane	1.369	1.435	1.169	1.217	1.212	1.158	1.260	9.08
32) T	1,1,1-Trichloroet	0.888	0.991	0.843	0.926	0.928	0.894	0.911	5.46
33) S	1,2-Dichloroethan		0.799	0.695	0.733	0.705	0.714	0.729	5.66
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.338	0.308	0.322	0.311	0.321	0.320	3.70
36) T	1,1-Dichloroprope	0.621	0.580	0.506	0.534	0.525	0.513	0.547	8.22
37) T	Ethyl Acetate	0.705	0.790	0.719	0.756	0.717	0.689	0.730	5.08
38) T	Carbon Tetrachlor	0.420	0.491	0.427	0.464	0.461	0.451	0.452	5.79
39) T	Methylcyclohexane	0.725	0.748	0.617	0.666	0.658	0.638	0.675	7.54
40) TM	Benzene	1.663	1.824	1.547	1.620	1.581	1.534	1.628	6.57
41) T	Methacrylonitrile	0.451	0.469	0.396	0.418	0.393	0.389	0.419	7.98
42) TM	1,2-Dichloroethan	0.620	0.670	0.547	0.571	0.560	0.535	0.584	8.78
43) T	Isopropyl Acetate	1.071	1.253	1.095	1.176	1.148	1.113	1.143	5.76
44) TM	Trichloroethene	0.395	0.425	0.348	0.376	0.369	0.362	0.379	7.23
45) C	1,2-Dichloropropa	0.476	0.514	0.443	0.466	0.452	0.438	0.465	6.05#
46) T	Dibromomethane	0.301	0.299	0.248	0.261	0.257	0.251	0.270	8.85
47) T	Bromodichlorometh	0.468	0.548	0.481	0.522	0.522	0.509	0.508	5.82
48) T	Methyl methacryla	0.577	0.632	0.551	0.596	0.564	0.549	0.578	5.51
49) T	1,4-Dioxane	0.011	0.012	0.011	0.011	0.010	0.010	0.011	8.65
50) S	Toluene-d8		1.335	1.256	1.302	1.211	1.261	1.273	3.72
51) T	4-Methyl-2-Pentan	0.686	0.857	0.745	0.760	0.696	0.669	0.736	9.38
52) CM	Toluene	0.951	1.089	0.924	0.969	0.925	0.902	0.960	7.02#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.493	0.574	0.538	0.608	0.604	0.598	0.569	8.00
54) T	cis-1,3-Dichlorop	0.601	0.683	0.608	0.676	0.674	0.661	0.650	5.60
55) T	1,1,2-Trichloroet	0.389	0.439	0.376	0.387	0.366	0.356	0.385	7.55
56) T	Ethyl methacrylat	0.642	0.780	0.687	0.726	0.686	0.662	0.697	7.05
57) T	1,3-Dichloropropa	0.705	0.789	0.666	0.698	0.658	0.637	0.692	7.80
58) T	2-Chloroethyl Vin	0.326	0.374	0.347	0.367	0.376	0.346	0.356	5.48
59) T	2-Hexanone	0.540	0.664	0.577	0.584	0.542	0.522	0.572	8.92
60) T	Dibromochlorometh	0.320	0.387	0.344	0.382	0.378	0.368	0.363	7.18
61) T	1,2-Dibromoethane	0.410	0.449	0.383	0.405	0.384	0.375	0.401	6.81
62) S	4-Bromofluorobenz		0.473	0.442	0.464	0.429	0.449	0.451	3.84
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.406	0.414	0.333	0.367	0.355	0.347	0.370	8.80
65) PM	Chlorobenzene	1.160	1.237	1.041	1.103	1.061	1.048	1.108	6.96
66) T	1,1,1,2-Tetrachlo	0.371	0.416	0.365	0.401	0.391	0.388	0.389	4.87
67) C	Ethyl Benzene	2.022	2.300	1.965	2.092	2.021	1.999	2.067	5.88#
68) T	m/p-Xylenes	0.709	0.832	0.706	0.752	0.735	0.724	0.743	6.27
69) T	o-Xylene	0.710	0.806	0.687	0.727	0.700	0.691	0.720	6.14
70) T	Stvrene	1.158	1.368	1.188	1.276	1.240	1.218	1.241	5.99
71) P	Bromoform	0.241	0.301	0.281	0.318	0.319	0.322	0.297	10.63
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.133	4.755	4.026	4.257	3.929	3.762	4.144	8.31
74) T	N-amyl acetate	2.385	2.617	2.405	2.486	2.414	2.320	2.438	4.21
75) P	1,1,2,2-Tetrachlo	1.674	1.820	1.537	1.558	1.473	1.394	1.576	9.61
76) T	1,2,3-Trichloropr	1.648	1.548	1.329	1.347	1.225	1.144	1.374	13.93
77) T	Bromobenzene	1.039	1.124	0.958	1.005	0.944	0.906	0.996	7.83
78) T	n-propylbenzene	4.656	5.515	4.641	4.988	4.693	4.455	4.825	7.86
79) T	2-Chlorotoluene	3.133	3.367	2.791	2.924	2.711	2.593	2.920	9.84
80) T	1,3,5-Trimethylbe	3.322	3.963	3.392	3.599	3.370	3.224	3.478	7.69
81) T	trans-1,4-Dichlor	0.417	0.497	0.459	0.543	0.543	0.530	0.498	10.33
82) T	4-Chlorotoluene	3.606	3.818	3.144	3.394	3.218	3.098	3.380	8.41
83) T	tert-Butylbenzene	3.257	3.739	3.247	3.393	3.285	3.157	3.346	6.18
84) T	1,2,4-Trimethylbe	3.399	4.079	3.409	3.618	3.393	3.233	3.522	8.50
85) T	sec-Butylbenzene	3.807	4.525	3.814	4.117	3.865	3.721	3.975	7.57
86) T	p-Isopropyltoluen	3.333	4.034	3.430	3.697	3.534	3.377	3.568	7.37
87) T	1,3-Dichlorobenze	1.972	1.972	1.652	1.774	1.694	1.637	1.783	8.62
88) T	1,4-Dichlorobenze	2.094	1.977	1.644	1.756	1.706	1.657	1.806	10.29
89) T	n-Butylbenzene	3.072	3.646	3.130	3.522	3.399	3.306	3.346	6.64
90) T	Hexachloroethane	0.535	0.620	0.558	0.623	0.612	0.601	0.592	6.16
91) T	1,2-Dichlorobenze	1.900	1.977	1.683	1.746	1.687	1.631	1.771	7.74
92) T	1,2-Dibromo-3-Chl	0.353	0.354	0.340	0.346	0.352	0.335	0.347	2.25
93) T	1,2,4-Trichlorobe	1.357	1.255	1.144	1.212	1.231	1.187	1.231	5.88
94) T	Hexachlorobutadie	0.573	0.646	0.560	0.605	0.584	0.574	0.590	5.28
95) T	Naphthalene	4.258	4.235	4.031	4.127	4.097	3.939	4.115	2.94
96) T	1,2,3-Trichlorobe	1.341	1.296	1.167	1.198	1.207	1.172	1.230	5.83

(#) = Out of Range