

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X031919W.M
 Title : SW846 8260
 Last Update : Tue Mar 19 13:15:13 2019
 Response Via : Initial Calibration

Calibration Files

1 =VX008186.D 5 =VX008180.D 20 =VX008181.D
 50 =VX008182.D 100 =VX008183.D 150 =VX008184.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.617	0.497	0.609	0.655	0.623	0.636	0.606	9.19
3) P	Chloromethane	0.968	0.709	0.717	0.741	0.691	0.738	0.761	13.55
4) C	Vinyl Chloride	0.795	0.789	0.737	0.776	0.722	0.731	0.758	4.22#
5) T	Bromomethane	0.693	0.728	0.470	0.667	0.651	0.667	0.646	13.97
6) T	Chloroethane	0.525	0.511	0.447	0.465	0.430		0.476	8.61
7) T	Trichlorofluorome	1.097	1.049	0.907	0.958	0.896	0.900	0.968	8.87
8) T	Diethyl Ether	0.433	0.462	0.512	0.544	0.514	0.522	0.498	8.38
9) T	1,1,2-Trichlorotr	0.647	0.580	0.645	0.686	0.641	0.657	0.643	5.43
10) T	Methyl Iodide		0.623	0.804	0.909	0.877	0.879	0.818	14.17
11) T	Tert butyl alcoho		0.141	0.160	0.172	0.162	0.171	0.161	7.79
12) CM	1,1-Dichloroethen	0.580	0.542	0.599	0.651	0.625	0.643	0.607	6.79#
13) T	Acrolein		0.160	0.118	0.117	0.109	0.111	0.123	17.17
14) T	Allyl chloride	1.146	1.169	1.318	1.449	1.400	1.440	1.321	10.19
15) T	Acrylonitrile	0.410	0.391	0.432	0.460	0.432	0.433	0.426	5.50
16) T	Acetone	0.436	0.424	0.447	0.449	0.404	0.403	0.427	4.77
17) T	Carbon Disulfide	2.411	1.463	1.856	2.030	1.975	2.003	1.956	15.64
18) T	Methyl Acetate	0.887	0.840	1.027	1.096	1.033	1.049	0.989	10.23
19) T	Methyl tert-butyl	1.973	2.025	2.181	2.387	2.273	2.322	2.194	7.55
20) T	Methylene Chlorid	0.742	0.680	0.696	0.743	0.702	0.709	0.712	3.59
21) T	trans-1,2-Dichlor	0.701	0.562	0.644	0.690	0.664	0.672	0.655	7.62
22) T	Diisopropyl ether	2.302	2.403	2.609	2.845	2.667	2.694	2.587	7.73
23) T	Vinyl Acetate	1.813	1.984	2.270	2.509	2.363	2.367	2.218	11.92
24) P	1,1-Dichloroethan	1.232	1.224	1.329	1.432	1.373	1.393	1.330	6.47
25) T	2-Butanone	0.579	0.594	0.650	0.689	0.637	0.633	0.630	6.25
26) T	2,2-Dichloropropa	0.935	0.901	0.965	1.090	1.048	1.073	1.002	7.83
27) T	cis-1,2-Dichloroe	0.751	0.672	0.731	0.792	0.760	0.777	0.747	5.66
28) T	Bromochloromethan	0.690	0.594	0.594	0.602	0.563	0.541	0.597	8.50
29) T	Tetrahydrofuran	0.323	0.361	0.409	0.444	0.413	0.415	0.394	11.16
30) C	Chloroform	1.127	1.209	1.242	1.345	1.264	1.279	1.244	5.86#
31) T	Cyclohexane	1.133	1.051	1.267	1.399	1.311	1.334	1.249	10.54
32) T	1,1,1-Trichloroet	0.905	0.954	1.026	1.130	1.086	1.111	1.035	8.75
33) S	1,2-Dichloroethan		0.884	0.675	0.766	0.719	0.721	0.753	10.63

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.375	0.301	0.345	0.325	0.328	0.335	8.17
36) T	1,1-Dichloroprope	0.559	0.515	0.570	0.625	0.602	0.622	0.582	7.30
37) T	Ethyl Acetate	0.537	0.631	0.725	0.779	0.723	0.734	0.688	12.83
38) T	Carbon Tetrachlor	0.454	0.452	0.519	0.571	0.548	0.567	0.519	10.38
39) T	Methylcyclohexane	0.650	0.603	0.696	0.773	0.730	0.751	0.701	9.20
40) TM	Benzene	1.528	1.623	1.735	1.874	1.770	1.809	1.723	7.36
41) T	Methacrylonitrile	0.313	0.349	0.391	0.436	0.407	0.419	0.386	12.03
42) TM	1,2-Dichloroethan	0.580	0.599	0.645	0.678	0.634	0.651	0.631	5.67
43) T	Isopropyl Acetate	0.853	1.004	1.118	1.247	1.183	1.214	1.103	13.57
44) TM	Trichloroethene	0.417	0.387	0.414	0.446	0.427	0.437	0.421	4.85
45) C	1,2-Dichloropropa	0.443	0.447	0.486	0.515	0.496	0.507	0.482	6.36#
46) T	Dibromomethane	0.287	0.270	0.289	0.311	0.294	0.301	0.292	4.74
47) T	Bromodichlorometh	0.464	0.502	0.558	0.616	0.591	0.608	0.557	11.02
48) T	Methyl methacryla	0.507	0.516	0.594	0.656	0.616	0.630	0.586	10.49
49) T	1,4-Dioxane	0.011	0.010	0.010	0.011	0.010	0.011	0.010	4.54
50) S	Toluene-d8		1.370	1.152	1.324	1.248	1.251	1.269	6.57
51) T	4-Methyl-2-Pentan	0.592	0.663	0.756	0.795	0.729	0.743	0.713	10.27
52) CM	Toluene	0.934	0.937	1.039	1.103	1.050	1.071	1.022	6.92#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.502	0.493	0.619	0.711	0.697	0.714	0.623	16.51
54) T	cis-1,3-Dichlorop	0.567	0.589	0.687	0.776	0.750	0.776	0.691	13.56
55) T	1,1,2-Trichloroet	0.369	0.390	0.422	0.454	0.417	0.425	0.413	7.20
56) T	Ethyl methacrylat	0.491	0.583	0.682	0.761	0.714	0.733	0.661	15.62
57) T	1,3-Dichloropropa	0.625	0.697	0.751	0.802	0.753	0.756	0.731	8.45
58) T	2-Chloroethyl Vin	0.327	0.359	0.305	0.354	0.339	0.344	0.338	5.82
59) T	2-Hexanone	0.460	0.507	0.586	0.606	0.558	0.576	0.549	10.00
60) T	Dibromochlorometh	0.307	0.351	0.399	0.451	0.431	0.444	0.397	14.47
61) T	1,2-Dibromoethane	0.394	0.393	0.441	0.472	0.443	0.444	0.431	7.26
62) S	4-Bromofluorobenz		0.433	0.400	0.464	0.439	0.449	0.437	5.42
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.452	0.413	0.445	0.481	0.456	0.460	0.451	4.93
65) PM	Chlorobenzene	1.180	1.145	1.211	1.320	1.246	1.281	1.230	5.26
66) T	1,1,1,2-Tetrachlo	0.371	0.394	0.424	0.473	0.448	0.464	0.429	9.38
67) C	Ethyl Benzene	1.843	1.957	2.174	2.403	2.287	2.346	2.168	10.33#
68) T	m/p-Xylenes	0.670	0.707	0.792	0.881	0.848	0.881	0.796	11.38
69) T	o-Xylene	0.651	0.699	0.766	0.859	0.817	0.852	0.774	10.98
70) T	Styrene	1.020	1.099	1.268	1.406	1.345	1.408	1.258	13.02
71) P	Bromoform	0.253	0.267	0.317	0.369	0.364	0.388	0.326	17.33
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.036	4.222	4.541	4.914	4.580	4.447	4.457	6.83
74) T	N-amyl acetate	1.888	2.122	2.399	2.614	2.484	2.502	2.335	11.76
75) P	1,1,2,2-Tetrachlo	1.545	1.561	1.650	1.689	1.565	1.578	1.598	3.61
76) T	1,2,3-Trichloropr	1.311	1.358	1.455	1.474	1.303	1.536	1.406	6.82
77) T	Bromobenzene	1.078	1.023	1.062	1.153	1.074	1.075	1.078	3.91
78) T	n-propylbenzene	4.443	4.758	5.258	5.827	5.463	5.308	5.176	9.63
79) T	2-Chlorotoluene	2.896	2.984	3.143	3.385	3.144	3.088	3.107	5.39
80) T	1,3,5-Trimethylbe	3.135	3.415	3.748	4.094	3.847	3.853	3.682	9.41
81) T	trans-1,4-Dichlor	0.398	0.380	0.492	0.563	0.551	0.566	0.492	17.11
82) T	4-Chlorotoluene	3.322	3.306	3.622	3.957	3.731	3.755	3.615	7.13
83) T	tert-Butylbenzene	3.046	3.300	3.469	3.845	3.702	3.730	3.515	8.62
84) T	1,2,4-Trimethylbe	3.154	3.483	3.838	4.167	3.879	3.876	3.733	9.58
85) T	sec-Butylbenzene	3.702	4.048	4.432	4.861	4.553	4.525	4.353	9.47
86) T	p-Isopropyltoluen	3.188	3.439	3.819	4.214	3.969	3.982	3.768	10.16
87) T	1,3-Dichlorobenze	1.883	1.765	1.906	2.062	1.964	1.973	1.926	5.21
88) T	1,4-Dichlorobenze	2.170	1.838	1.926	2.065	1.961	1.993	1.992	5.76
89) T	n-Butylbenzene	2.904	3.046	3.476	4.007	3.853	3.935	3.537	13.40
90) T	Hexachloroethane	0.517	0.553	0.638	0.724	0.703	0.716	0.642	13.86
91) T	1,2-Dichlorobenze	1.862	1.849	1.918	2.055	1.968	1.998	1.942	4.14
92) T	1,2-Dibromo-3-Chl	0.350	0.311	0.344	0.383	0.370	0.373	0.355	7.39
93) T	1,2,4-Trichlorobe	1.244	1.111	1.215	1.382	1.341	1.381	1.279	8.44
94) T	Hexachlorobutadie	0.575	0.571	0.620	0.675	0.649	0.652	0.624	6.86
95) T	Naphthalene	3.520	3.359	3.980	4.554	4.377	4.430	4.037	12.48
96) T	1,2,3-Trichlorobe	1.153	1.125	1.223	1.370	1.322	1.359	1.258	8.46

(#) = Out of Range