

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_X\METHOD\
 Method File : 82X101218W.M
 Title : SW846 8260
 Last Update : Fri Oct 12 11:28:43 2018
 Response Via : Initial Calibration

Calibration Files

1 =VX005281.D 5 =VX005282.D 20 =VX005283.D
 50 =VX005284.D 100 =VX005285.D 150 =VX005286.D

Compound		1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.421	0.364	0.383	0.431	0.382	0.364	0.391	7.26
3) P	Chloromethane	0.695	0.559	0.529	0.558	0.510	0.549	0.566	11.59
4) C	Vinyl Chloride	0.683	0.576	0.530	0.544	0.552	0.560	0.574	9.66#
5) T	Bromomethane	0.498	0.367	0.298	0.323	0.315	0.332	0.356	20.69
6) T	Chloroethane	0.440	0.360	0.330	0.346	0.305	0.271	0.342	16.80
7) T	Trichlorofluorome	0.866	0.832	0.708	0.751	0.723	0.716	0.766	8.72
8) T	Diethyl Ether	0.380	0.365	0.297	0.311	0.313	0.296	0.327	11.11
9) T	1,1,2-Trichlorotr	0.527	0.460	0.412	0.441	0.400	0.413	0.442	10.62
10) T	Methyl Iodide		0.321	0.374	0.498	0.512	0.495	0.440	19.73
11) T	Tert butyl alcoho		0.162	0.145	0.149	0.154	0.173	0.157	7.19
12) CM	1,1-Dichloroethen	0.528	0.442	0.401	0.425	0.403	0.428	0.438	10.72#
13) T	Acrolein		0.135	0.092	0.102	0.098	0.100	0.105	16.04
14) T	Allyl chloride	1.051	1.045	0.887	0.958	0.962	0.866	0.961	8.02
15) T	Acrylonitrile	0.402	0.386	0.337	0.325	0.344	0.334	0.355	8.90
16) T	Acetone	0.402	0.349	0.287	0.311	0.287	0.289	0.321	14.46
17) T	Carbon Disulfide	1.590	1.371	1.226	1.249	1.276	1.247	1.327	10.47
18) T	Methyl Acetate	1.090	0.944	0.876	0.886	0.840	0.840	0.913	10.39
19) T	Methyl tert-butyl	1.791	1.610	1.453	1.529	1.426	1.446	1.542	9.05
20) T	Methylene Chlorid	0.675	0.566	0.465	0.494	0.460	0.458	0.520	16.68
21) T	trans-1,2-Dichlor	0.583	0.529	0.447	0.449	0.448	0.455	0.485	11.80
22) T	Diisopropyl ether	1.834	1.676	1.507	1.643	1.474	1.556	1.615	8.18
23) T	Vinyl Acetate	1.540	1.500	1.327	1.387	1.318	1.398	1.411	6.42
24) P	1,1-Dichloroethan	1.094	1.025	0.865	0.866	0.797	0.905	0.926	12.08
25) T	2-Butanone	0.506	0.488	0.432	0.474	0.450	0.467	0.469	5.64
26) T	2,2-Dichloropropa	0.848	0.720	0.651	0.642	0.663	0.630	0.692	11.95
27) T	cis-1,2-Dichloroe	0.609	0.561	0.490	0.492	0.511	0.503	0.527	9.02
28) T	Bromochloromethan	0.495	0.465	0.406	0.413	0.379	0.373	0.422	11.47
29) T	Tetrahydrofuran	0.296	0.307	0.293	0.312	0.297	0.290	0.299	2.82
30) C	Chloroform	0.966	0.915	0.844	0.838	0.767	0.825	0.859	8.22#
31) T	Cyclohexane	0.772	0.753	0.720	0.782	0.795	0.756	0.763	3.43
32) T	1,1,1-Trichloroet	0.850	0.775	0.713	0.725	0.710	0.710	0.747	7.52
33) S	1,2-Dichloroethan		0.646	0.563	0.520	0.505	0.541	0.555	9.96
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.381	0.325	0.311	0.313	0.326	0.331	8.60
36) T	1,1-Dichloroprope	0.541	0.493	0.475	0.464	0.444	0.489	0.484	6.77
37) T	Ethyl Acetate	0.722	0.657	0.604	0.588	0.582	0.584	0.623	9.00
38) T	Carbon Tetrachlor	0.510	0.536	0.474	0.460	0.465	0.474	0.487	6.16
39) T	Methylcyclohexane	0.532	0.564	0.484	0.508	0.499	0.558	0.524	6.22
40) TM	Benzene	1.569	1.593	1.408	1.439	1.353	1.354	1.453	7.22
41) T	Methacrylonitrile	0.362	0.351	0.319	0.322	0.321	0.329	0.334	5.43
42) TM	1,2-Dichloroethan	0.610	0.570	0.489	0.485	0.459	0.464	0.513	12.10
43) T	Isopropyl Acetate	0.897	0.852	0.751	0.809	0.822	0.846	0.830	5.87
44) TM	Trichloroethene	0.565	0.438	0.400	0.353	0.372	0.368	0.416	19.00
45) C	1,2-Dichloropropa	0.402	0.390	0.337	0.334	0.325	0.350	0.356	8.98#
46) T	Dibromomethane	0.275	0.245	0.232	0.227	0.218	0.214	0.235	9.49
47) T	Bromodichlorometh	0.468	0.477	0.406	0.413	0.418	0.428	0.435	6.91
48) T	Methyl methacryla	0.415	0.419	0.414	0.434	0.440	0.460	0.430	4.18
49) T	1,4-Dioxane	0.009	0.010	0.010	0.010	0.010	0.011	0.010	5.89
50) S	Toluene-d8		1.223	1.120	1.085	1.120	1.137	1.137	4.57
51) T	4-Methyl-2-Pentan	0.543	0.580	0.550	0.558	0.592	0.624	0.574	5.32
52) CM	Toluene	0.796	0.834	0.774	0.777	0.790	0.798	0.795	2.73#

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	Compound	1	5	20	50	100	150	Avg	%RSD

53)	T t-1,3-Dichloropro	0.454	0.455	0.437	0.468	0.493	0.518	0.471	6.26
54)	T cis-1,3-Dichlorop	0.512	0.503	0.490	0.502	0.518	0.535	0.510	3.05
55)	T 1,1,2-Trichloroet	0.371	0.362	0.320	0.317	0.322	0.328	0.337	6.91
56)	T Ethyl methacrylat	0.429	0.454	0.458	0.496	0.540	0.568	0.491	11.06
57)	T 1,3-Dichloropropa	0.622	0.596	0.534	0.528	0.543	0.548	0.562	6.81
58)	T 2-Chloroethyl Vin	0.239	0.281	0.272	0.278	0.289	0.292	0.275	6.87
59)	T 2-Hexanone	0.427	0.463	0.435	0.444	0.480	0.523	0.462	7.71
60)	T Dibromochlorometh	0.348	0.342	0.328	0.340	0.357	0.372	0.348	4.35
61)	T 1,2-Dibromoethane	0.373	0.378	0.338	0.335	0.345	0.350	0.353	5.16
62)	S 4-Bromofluorobenz		0.421	0.402	0.400	0.438	0.475	0.427	7.21
63)	I Chlorobenzene-d5	-----ISTD-----							
64)	T Tetrachloroethene	0.459	0.408	0.391	0.393	0.388	0.376	0.403	7.33
65)	PM Chlorobenzene	1.199	1.066	1.016	1.022	1.044	1.035	1.064	6.46
66)	T 1,1,1,2-Tetrachlo	0.396	0.367	0.359	0.377	0.386	0.389	0.379	3.69
67)	C Ethyl Benzene	1.729	1.638	1.658	1.746	1.811	1.792	1.729	4.05#
68)	T m/p-Xylenes	0.640	0.642	0.653	0.688	0.706	0.699	0.671	4.43
69)	T o-Xylene	0.619	0.617	0.626	0.656	0.682	0.684	0.647	4.79
70)	T Styrene	0.903	0.979	1.049	1.112	1.163	1.181	1.065	10.22
71)	P Bromoform	0.311	0.311	0.304	0.330	0.371	0.405	0.339	11.98
72)	I 1,4-Dichlorobenzene-d	-----ISTD-----							
73)	T Isopropylbenzene	2.808	2.916	3.041	3.121	3.068	2.881	2.972	4.11
74)	T N-amyl acetate	1.281	1.327	1.376	1.473	1.551	1.594	1.434	8.77
75)	P 1,1,2,2-Tetrachlo	1.243	1.168	1.061	1.063	1.087	1.105	1.121	6.37
76)	T 1,2,3-Trichloropr	0.986	1.012	0.948	0.958	0.967	0.948	0.970	2.58
77)	T Bromobenzene	0.886	0.884	0.842	0.839	0.838	0.809	0.850	3.53
78)	T n-propylbenzene	3.148	3.322	3.505	3.559	3.555	3.433	3.420	4.69
79)	T 2-Chlorotoluene	2.075	2.084	2.120	2.124	2.103	2.062	2.095	1.20
80)	T 1,3,5-Trimethylbe	2.215	2.497	2.615	2.688	2.680	2.578	2.545	6.94
81)	T trans-1,4-Dichlor	0.291	0.289	0.297	0.320	0.350	0.368	0.319	10.40
82)	T 4-Chlorotoluene	2.409	2.456	2.494	2.524	2.539	2.477	2.483	1.90
83)	T tert-Butylbenzene	2.467	2.448	2.535	2.650	2.712	2.653	2.578	4.24
84)	T 1,2,4-Trimethylbe	2.283	2.522	2.708	2.765	2.759	2.679	2.619	7.14
85)	T sec-Butylbenzene	2.683	3.006	3.077	3.193	3.211	3.132	3.050	6.40
86)	T p-Isopropyltoluen	2.418	2.623	2.778	2.915	2.927	2.881	2.757	7.29
87)	T 1,3-Dichlorobenze	1.666	1.598	1.540	1.562	1.590	1.573	1.588	2.74
88)	T 1,4-Dichlorobenze	1.666	1.730	1.568	1.573	1.608	1.603	1.625	3.83
89)	T n-Butylbenzene	2.394	2.325	2.403	2.581	2.661	2.656	2.503	5.87
90)	T Hexachloroethane	0.487	0.440	0.440	0.472	0.499	0.513	0.475	6.43
91)	T 1,2-Dichlorobenze	1.762	1.642	1.548	1.574	1.595	1.603	1.621	4.69
92)	T 1,2-Dibromo-3-Chl	0.305	0.269	0.248	0.264	0.276	0.279	0.274	6.82
93)	T 1,2,4-Trichlorobe	1.129	1.143	1.140	1.212	1.272	1.238	1.189	5.03
94)	T Hexachlorobutadie	0.685	0.645	0.595	0.605	0.626	0.611	0.628	5.28
95)	T Naphthalene	2.907	3.058	3.438	3.710	3.902	3.676	3.448	11.39
96)	T 1,2,3-Trichlorobe	1.190	1.168	1.197	1.235	1.289	1.221	1.217	3.50

(#) = Out of Range