

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W052019S.M
 Title : SW846 8260
 Last Update : Tue May 21 06:38:43 2019
 Response Via : Initial Calibration

Calibration Files

10 =VW010449.D 5 =VW010448.D 20 =VW010450.D
 50 =VW010451.D 100 =VW010452.D 150 =VW010453.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.420	0.651	0.386	0.465	0.441	0.444	0.468	19.98
3) P	Chloromethane	0.514	0.608	0.457	0.548	0.514	0.510	0.525	9.51
4) C	Vinyl Chloride	0.591	0.691	0.544	0.619	0.598	0.608	0.609	7.85#
5) T	Bromomethane	0.432	0.481	0.377	0.417	0.386	0.419	0.419	8.86
6) T	Chloroethane	0.384	0.427	0.372	0.408	0.385	0.368	0.391	5.80
7) T	Trichlorofluorome	0.897	0.965	0.850	0.897	0.887	0.894	0.898	4.14
8) T	Diethyl Ether	0.286	0.292	0.271	0.286	0.285	0.288	0.285	2.54
9) T	1,1,2-Trichlorotr	0.571	0.581	0.525	0.552	0.546	0.544	0.553	3.63
10) T	Methyl Iodide	0.562	0.613	0.564	0.670	0.688	0.698	0.632	9.74
11) T	Tert butyl alcoho	0.051	0.050	0.044	0.043	0.045	0.045	0.046	7.47
12) CM	1,1-Dichloroethen	0.533	0.556	0.504	0.529	0.524	0.523	0.528	3.18#
13) T	Acrolein	0.038	0.043	0.037	0.023	0.027	0.025	0.032	25.19
14) T	Allyl chloride	0.770	0.784	0.726	0.771	0.754	0.780	0.764	2.81
15) T	Acrylonitrile	0.121	0.125	0.116	0.117	0.117	0.119	0.119	2.76
16) T	Acetone	0.100	0.119	0.099	0.108	0.100	0.107	0.105	7.37
17) T	Carbon Disulfide	1.550	1.642	1.447	1.626	1.579	1.609	1.575	4.52
18) T	Methyl Acetate	0.271	0.288	0.254	0.235	0.245	0.253	0.258	7.47
19) T	Methyl tert-butyl	1.365	1.351	1.312	1.355	1.344	1.352	1.346	1.36
20) T	Methylene Chlorid	0.864	1.148	0.698	0.641	0.578	0.578	0.751	29.51
21) T	trans-1,2-Dichlor	0.606	0.637	0.581	0.608	0.597	0.604	0.606	3.02
22) T	Diisopropyl ether	1.594	1.543	1.534	1.580	1.557	1.598	1.568	1.72
23) T	Vinyl Acetate	0.933	0.892	0.892	0.954	0.968	0.978	0.936	3.99
24) P	1,1-Dichloroethan	0.946	0.919	0.910	0.955	0.933	0.951	0.935	1.95
25) T	2-Butanone	0.152	0.155	0.146	0.147	0.153	0.152	0.151	2.21
26) T	2,2-Dichloropropa	0.914	0.950	0.872	0.893	0.856	0.861	0.891	4.04
27) T	cis-1,2-Dichloroe	0.678	0.662	0.644	0.665	0.645	0.658	0.659	1.96
28) T	Bromochloromethan	0.361	0.265	0.350	0.343	0.347	0.344	0.335	10.41
29) T	Tetrahydrofuran	0.102	0.113	0.096	0.099	0.101	0.101	0.102	5.59
30) C	Chloroform	1.031	0.997	0.993	1.026	0.999	1.008	1.009	1.57#
31) T	Cyclohexane	1.038	1.154	0.929	0.945	0.907	0.906	0.980	10.00
32) T	1,1,1-Trichloroet	0.995	0.990	0.940	0.970	0.943	0.949	0.964	2.50
33) S	1,2-Dichloroethan	0.552	0.487	0.515	0.520	0.512	0.511	0.516	4.06
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.315	0.283	0.299	0.310	0.307	0.307	0.303	3.77
36) T	1,1-Dichloroprope	0.476	0.488	0.457	0.471	0.450	0.454	0.466	3.16
37) T	Ethyl Acetate	0.196	0.213	0.187	0.199	0.194	0.199	0.198	4.29
38) T	Carbon Tetrachlor	0.508	0.514	0.486	0.514	0.495	0.498	0.502	2.27
39) T	Methylcyclohexane	0.635	0.637	0.606	0.640	0.613	0.613	0.624	2.40
40) TM	Benzene	1.317	1.292	1.264	1.326	1.274	1.295	1.295	1.85
41) T	Methacrylonitrile	0.108	0.127	0.124	0.112	0.116	0.118	0.118	5.97
42) TM	1,2-Dichloroethan	0.375	0.374	0.361	0.375	0.364	0.372	0.370	1.67
43) T	Isopropyl Acetate	0.387	0.409	0.384	0.394	0.396	0.405	0.396	2.46
44) TM	Trichloroethene	0.394	0.386	0.370	0.393	0.377	0.387	0.384	2.46
45) C	1,2-Dichloropropa	0.306	0.306	0.301	0.314	0.305	0.313	0.307	1.69#
46) T	Dibromomethane	0.180	0.178	0.174	0.183	0.182	0.181	0.180	1.80
47) T	Bromodichlorometh	0.452	0.440	0.441	0.465	0.451	0.463	0.452	2.35
48) T	Methyl methacryla	0.195	0.177	0.167	0.181	0.182	0.184	0.181	5.05
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	6.64
50) S	Toluene-d8	1.243	1.043	1.152	1.192	1.155	1.169	1.159	5.68
51) T	4-Methyl-2-Pentan	0.202	0.207	0.191	0.200	0.200	0.202	0.201	2.63
52) CM	Toluene	0.883	0.875	0.846	0.881	0.854	0.878	0.869	1.78#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.456	0.457	0.436	0.469	0.458	0.470	0.458	2.64
54) T	cis-1,3-Dichlorop	0.530	0.498	0.509	0.536	0.525	0.538	0.523	3.06
55) T	1,1,2-Trichloroet	0.255	0.262	0.253	0.263	0.256	0.262	0.259	1.65
56) T	Ethyl methacrylat	0.359	0.359	0.345	0.363	0.355	0.358	0.357	1.73
57) T	1,3-Dichloropropa	0.437	0.433	0.423	0.442	0.428	0.435	0.433	1.54
58) T	2-Chloroethyl Vin	0.165	0.145	0.161	0.154	0.161	0.162	0.158	4.64
59) T	2-Hexanone	0.147	0.147	0.135	0.143	0.143	0.143	0.143	2.96
60) T	Dibromochlorometh	0.320	0.321	0.315	0.335	0.333	0.340	0.327	3.00
61) T	1,2-Dibromoethane	0.260	0.263	0.253	0.269	0.261	0.265	0.262	2.05
62) S	4-Bromofluorobenz	0.488	0.483	0.448	0.459	0.441	0.450	0.462	4.25
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.353	0.356	0.333	0.353	0.347	0.349	0.349	2.35
65) PM	Chlorobenzene	1.079	1.101	1.036	1.068	1.054	1.056	1.066	2.12
66) T	1,1,1,2-Tetrachlo	0.395	0.376	0.368	0.390	0.382	0.380	0.382	2.49
67) C	Ethyl Benzene	1.941	1.947	1.845	1.897	1.829	1.830	1.881	2.89#
68) T	m/p-Xylenes	0.757	0.753	0.723	0.745	0.724	0.725	0.738	2.15
69) T	o-Xylene	0.717	0.710	0.682	0.706	0.687	0.693	0.699	1.98
70) T	Styrene	1.194	1.171	1.162	1.203	1.192	1.196	1.186	1.36
71) P	Bromoform	0.203	0.198	0.200	0.213	0.223	0.224	0.210	5.53
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.214	4.139	3.874	3.954	3.787	3.837	3.968	4.34
74) T	N-amyl acetate	0.957	0.910	0.846	0.886	0.911	0.946	0.909	4.42
75) P	1,1,2,2-Tetrachlo	0.795	0.770	0.680	0.695	0.690	0.700	0.722	6.69
76) T	1,2,3-Trichloropr	0.557	0.541	0.483	0.486	0.482	0.496	0.508	6.47
77) T	Bromobenzene	0.916	0.895	0.850	0.894	0.874	0.898	0.888	2.58
78) T	n-propylbenzene	4.888	4.895	4.513	4.560	4.398	4.489	4.624	4.63
79) T	2-Chlorotoluene	2.876	2.845	2.597	2.639	2.529	2.602	2.681	5.36
80) T	1,3,5-Trimethylbe	3.546	3.486	3.302	3.355	3.213	3.261	3.360	3.88
81) T	trans-1,4-Dichlor	0.257	0.244	0.228	0.240	0.243	0.246	0.243	3.75
82) T	4-Chlorotoluene	2.973	2.909	2.732	2.743	2.641	2.702	2.783	4.62
83) T	tert-Butylbenzene	3.062	3.098	2.814	2.911	2.873	2.854	2.935	3.98
84) T	1,2,4-Trimethylbe	3.588	3.454	3.307	3.344	3.162	3.227	3.347	4.62
85) T	sec-Butylbenzene	4.367	4.395	4.007	4.076	3.877	3.925	4.108	5.42
86) T	p-Isopropyltoluen	3.935	3.907	3.618	3.732	3.506	3.610	3.718	4.66
87) T	1,3-Dichlorobenze	1.850	1.786	1.692	1.751	1.659	1.713	1.742	3.96
88) T	1,4-Dichlorobenze	1.842	1.769	1.706	1.780	1.686	1.703	1.748	3.41
89) T	n-Butylbenzene	3.718	3.722	3.448	3.560	3.341	3.430	3.537	4.47
90) T	Hexachloroethane	0.753	0.708	0.697	0.731	0.705	0.725	0.720	2.85
91) T	1,2-Dichlorobenze	1.670	1.610	1.568	1.591	1.536	1.549	1.587	3.06
92) T	1,2-Dibromo-3-Chl	0.159	0.137	0.124	0.131	0.128	0.125	0.134	9.84
93) T	1,2,4-Trichlorobe	1.140	1.070	1.041	1.134	1.051	1.044	1.080	4.21
94) T	Hexachlorobutadie	0.585	0.575	0.548	0.613	0.574	0.567	0.577	3.71
95) T	Naphthalene	2.432	2.242	2.144	2.355	2.232	2.196	2.267	4.71
96) T	1,2,3-Trichlorobe	0.995	0.903	0.891	0.978	0.903	0.905	0.929	4.83

(#) = Out of Range