

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W090719S.M
 Title : SW846 8260
 Last Update : Sun Sep 08 05:04:40 2019
 Response Via : Initial Calibration

Calibration Files

10 =VW012710.D 5 =VW012709.D 20 =VW012711.D
 50 =VW012712.D 100 =VW012713.D 150 =VW012714.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.275	0.312	0.275	0.270	0.239	0.255	0.271	9.04
3) P	Chloromethane	0.396	0.346	0.353	0.325	0.275	0.281	0.329	14.04
4) C	Vinyl Chloride	0.461	0.428	0.415	0.409	0.346	0.364	0.404	10.42#
5) T	Bromomethane	0.248	0.219	0.233	0.231	0.191	0.194	0.219	10.38
6) T	Chloroethane	0.266	0.257	0.241	0.251	0.212	0.220	0.241	8.89
7) T	Trichlorofluorome	0.298	0.278	0.270	0.296	0.246	0.285	0.279	6.81
8) T	Diethyl Ether	0.236	0.241	0.227	0.242	0.218	0.242	0.234	4.28
9) T	1,1,2-Trichlorotr	0.454	0.447	0.438	0.462	0.408	0.416	0.437	4.92
10) T	Methyl Iodide	0.593	0.561	0.546	0.581	0.509	0.514	0.551	6.28
11) T	Tert butyl alcoho	0.035	0.042	0.037	0.044	0.047	0.050	0.043	13.30
12) CM	1,1-Dichloroethen	0.431	0.434	0.411	0.422	0.385	0.394	0.413	4.79#
13) T	Acrolein	0.047	0.046	0.042	0.042	0.046	0.048	0.045	5.83
14) T	Allyl chloride	0.857	0.865	0.844	0.897	0.820	0.842	0.854	3.02
15) T	Acrylonitrile	0.126	0.121	0.119	0.145	0.154	0.156	0.137	12.43
16) T	Acetone	0.140	0.137	0.124	0.166	0.172	0.174	0.152	13.73
17) T	Carbon Disulfide	0.973	0.845	0.922	0.897	0.799	0.823	0.876	7.52
18) T	Methyl Acetate	0.336	0.340	0.308	0.358	0.392	0.409	0.357	10.52
19) T	Methyl tert-butyl	0.793	0.806	0.751	0.894	0.840	0.828	0.819	5.88
20) T	Methylene Chlorid	0.529	0.559	0.458	0.473	0.417	0.424	0.476	11.94
21) T	trans-1,2-Dichlor	0.442	0.407	0.428	0.444	0.403	0.404	0.421	4.52
22) T	Diisopropyl ether	1.718	1.716	1.582	1.842	1.647	1.659	1.694	5.20
23) T	Vinyl Acetate	1.033	0.957	0.939	1.178	1.157	1.177	1.074	10.37
24) P	1,1-Dichloroethan	0.919	0.923	0.886	0.979	0.876	0.890	0.912	4.13
25) T	2-Butanone	0.174	0.176	0.171	0.215	0.230	0.240	0.201	15.43
26) T	2,2-Dichloropropa	0.576	0.589	0.578	0.625	0.543	0.545	0.576	5.31
27) T	cis-1,2-Dichloroe	0.484	0.472	0.490	0.526	0.476	0.484	0.489	3.94
28) T	Bromochloromethan	0.400	0.416	0.392	0.440	0.439	0.425	0.419	4.74
29) T	Tetrahydrofuran	0.113	0.108	0.109	0.129	0.139	0.141	0.123	12.33
30) C	Chloroform	0.919	0.950	0.903	0.950	0.847	0.855	0.904	5.00#
31) T	Cyclohexane	0.903	0.959	0.823	0.803	0.716	0.723	0.821	11.76
32) T	1,1,1-Trichloroet	0.747	0.723	0.730	0.784	0.705	0.708	0.733	3.99
33) S	1,2-Dichloroethan	0.537	0.575	0.526	0.573	0.533	0.609	0.559	5.79
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.288	0.315	0.279	0.300	0.286	0.315	0.297	5.24
36) T	1,1-Dichloroprope	0.453	0.435	0.434	0.469	0.435	0.439	0.444	3.14
37) T	Ethyl Acetate	0.260	0.266	0.235	0.294	0.320	0.324	0.283	12.49
38) T	Carbon Tetrachlor	0.443	0.416	0.421	0.469	0.432	0.448	0.438	4.44
39) T	Methylcyclohexane	0.518	0.465	0.502	0.519	0.493	0.497	0.499	4.00
40) TM	Benzene	1.275	1.213	1.244	1.305	1.139	1.220	1.233	4.67
41) T	Methacrylonitrile	0.130	0.151	0.154	0.185	0.200	0.204	0.171	17.65
42) TM	1,2-Dichloroethan	0.430	0.432	0.410	0.450	0.435	0.446	0.434	3.26
43) T	Isopropyl Acetate	0.463	0.501	0.465	0.566	0.599	0.625	0.537	13.01
44) TM	Trichloroethene	0.322	0.314	0.314	0.329	0.311	0.317	0.318	2.10
45) C	1,2-Dichloropropa	0.344	0.348	0.334	0.348	0.338	0.340	0.342	1.64#
46) T	Dibromomethane	0.154	0.162	0.154	0.166	0.166	0.170	0.162	4.01
47) T	Bromodichlorometh	0.414	0.459	0.421	0.476	0.446	0.456	0.445	5.29
48) T	Methyl methacryla	0.224	0.245	0.220	0.262	0.289	0.300	0.256	12.91
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.004	0.004	0.003	12.83
50) S	Toluene-d8	1.044	1.194	1.086	1.215	1.179	1.270	1.165	7.23
51) T	4-Methyl-2-Pentan	0.237	0.268	0.235	0.299	0.320	0.331	0.282	14.62
52) CM	Toluene	0.723	0.789	0.767	0.812	0.760	0.765	0.769	3.86#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.415	0.441	0.419	0.487	0.480	0.505	0.458	8.27
54) T	cis-1,3-Dichlorop	0.496	0.513	0.466	0.559	0.534	0.550	0.520	6.78
55) T	1,1,2-Trichloroet	0.226	0.242	0.224	0.255	0.251	0.255	0.242	5.74
56) T	Ethyl methacrylat	0.304	0.332	0.315	0.373	0.399	0.406	0.355	12.33
57) T	1,3-Dichloropropa	0.427	0.466	0.412	0.465	0.451	0.468	0.448	5.26
58) T	2-Chloroethyl Vin	0.165	0.155	0.179	0.196	0.218	0.217	0.188	14.12
59) T	2-Hexanone	0.178	0.195	0.167	0.216	0.235	0.243	0.206	14.89
60) T	Dibromochlorometh	0.259	0.286	0.261	0.301	0.298	0.306	0.285	7.25
61) T	1,2-Dibromoethane	0.215	0.223	0.202	0.235	0.233	0.226	0.222	5.61
62) S	4-Bromofluorobenz	0.412	0.444	0.404	0.424	0.408	0.445	0.423	4.29
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.305	0.314	0.304	0.313	0.289	0.295	0.303	3.28
65) PM	Chlorobenzene	0.945	1.004	0.938	0.982	0.904	0.898	0.945	4.46
66) T	1,1,1,2-Tetrachlo	0.319	0.381	0.340	0.376	0.348	0.347	0.352	6.60
67) C	Ethyl Benzene	1.631	1.883	1.789	1.886	1.732	1.717	1.773	5.64#
68) T	m/p-Xylenes	0.652	0.649	0.640	0.653	0.623	0.623	0.640	2.20
69) T	o-Xylene	0.569	0.624	0.607	0.647	0.587	0.589	0.604	4.72
70) T	Stvrene	1.010	1.085	1.051	1.152	1.049	1.054	1.067	4.51
71) P	Bromoform	0.179	0.206	0.165	0.208	0.202	0.214	0.196	9.73
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.712	3.677	3.491	3.787	3.256	3.595	3.586	5.33
74) T	N-amyl acetate	1.073	1.122	0.997	1.208	1.123	1.308	1.138	9.50
75) P	1,1,2,2-Tetrachlo	0.714	0.782	0.618	0.723	0.724	0.760	0.720	7.84
76) T	1,2,3-Trichloropr	0.468	0.532	0.531	0.494	0.508	0.535	0.511	5.24
77) T	Bromobenzene	0.805	0.903	0.768	0.835	0.763	0.801	0.812	6.35
78) T	n-propylbenzene	4.243	4.418	4.235	4.523	4.037	4.279	4.289	3.90
79) T	2-Chlorotoluene	2.613	2.417	2.452	2.584	2.282	2.426	2.462	4.92
80) T	1,3,5-Trimethylbe	3.180	2.911	2.986	3.222	2.825	3.006	3.022	5.08
81) T	trans-1,4-Dichlor	0.225	0.240	0.195	0.254	0.259	0.277	0.242	11.82
82) T	4-Chlorotoluene	2.753	2.649	2.561	2.683	2.425	2.555	2.604	4.43
83) T	tert-Butylbenzene	2.826	2.672	2.608	2.804	2.493	2.629	2.672	4.71
84) T	1,2,4-Trimethylbe	3.170	3.148	2.999	3.142	2.832	2.979	3.045	4.34
85) T	sec-Butylbenzene	3.922	3.752	3.557	3.926	3.463	3.626	3.708	5.19
86) T	p-Isopropyltoluen	3.554	3.372	3.306	3.601	3.158	3.328	3.387	4.88
87) T	1,3-Dichlorobenze	1.677	1.737	1.529	1.640	1.463	1.537	1.597	6.52
88) T	1,4-Dichlorobenze	1.574	1.810	1.533	1.632	1.463	1.523	1.589	7.67
89) T	n-Butylbenzene	3.429	3.270	3.198	3.459	3.090	3.281	3.288	4.23
90) T	Hexachloroethane	0.610	0.573	0.571	0.625	0.563	0.605	0.591	4.31
91) T	1,2-Dichlorobenze	1.473	1.597	1.368	1.453	1.330	1.403	1.437	6.57
92) T	1,2-Dibromo-3-Chl	0.122	0.141	0.105	0.128	0.140	0.155	0.132	13.25
93) T	1,2,4-Trichlorobe	0.979	0.971	0.922	1.076	0.982	1.075	1.001	6.16
94) T	Hexachlorobutadie	0.739	0.717	0.663	0.739	0.628	0.670	0.693	6.61
95) T	Naphthalene	1.594	1.591	1.570	2.050	2.082	2.293	1.863	16.98
96) T	1,2,3-Trichlorobe	0.868	0.859	0.821	0.969	0.825	0.959	0.883	7.35

(#) = Out of Range