

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
 Method File : 82W082820S.M
 Title : SW846 8260
 Last Update : Fri Aug 28 15:01:43 2020
 Response Via : Initial Calibration

Calibration Files

10 =VW016397.D 5 =VW016396.D 20 =VW016398.D
 50 =VW016399.D 100 =VW016400.D 150 =VW016401.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.282	0.245	0.283	0.286	0.306	0.288	0.282	7.05
3) P	Chloromethane	0.289	0.275	0.276	0.247	0.270	0.271	0.271	5.08
4) C	Vinyl Chloride	0.413	0.416	0.400	0.373	0.395	0.373	0.395	4.75#
5) T	Bromomethane	0.295	0.295	0.276	0.264	0.276	0.268	0.279	4.76
6) T	Chloroethane	0.252	0.228	0.233	0.225	0.239	0.234	0.235	4.05
7) T	Trichlorofluorome	0.498	0.477	0.455	0.459	0.489	0.488	0.478	3.63
8) T	Diethyl Ether	0.248	0.253	0.234	0.236	0.235	0.237	0.240	3.26
9) T	1,1,2-Trichlorotr	0.449	0.492	0.467	0.458	0.474	0.458	0.466	3.24
10) T	Methyl Iodide	0.747	0.687	0.693	0.715	0.728	0.706	0.713	3.16
11) T	Tert butyl alcoho	0.037	0.050	0.032	0.031	0.028	0.030	0.035	23.49
12) CM	1,1-Dichloroethen	0.490	0.481	0.468	0.467	0.481	0.468	0.476	1.92#
13) T	Acrolein	0.025	0.024	0.024	0.023	0.022	0.022	0.023	5.31
14) T	Allyl chloride	0.617	0.593	0.568	0.594	0.601	0.597	0.595	2.62
15) T	Acrylonitrile	0.093	0.089	0.083	0.092	0.089	0.092	0.090	4.14
16) T	Acetone	0.089	0.098	0.076	0.080	0.082	0.085	0.085	8.93
17) T	Carbon Disulfide	1.360	1.331	1.335	1.317	1.354	1.319	1.336	1.31
18) T	Methyl Acetate	0.195	0.207	0.186	0.192	0.187	0.195	0.194	3.86
19) T	Methyl tert-butyl	0.768	0.749	0.696	0.742	0.708	0.698	0.727	4.11
20) T	Methylene Chlorid	0.799	1.064	0.633	0.526	0.509	0.494	0.671	33.40
21) T	trans-1,2-Dichlor	0.559	0.549	0.524	0.527	0.526	0.515	0.533	3.14
22) T	Diisopropyl ether	1.238	1.183	1.166	1.185	1.157	1.135	1.177	2.95
23) T	Vinyl Acetate	0.749	0.692	0.694	0.745	0.724	0.726	0.722	3.39
24) P	1,1-Dichloroethan	0.896	0.890	0.830	0.823	0.833	0.820	0.849	4.08
25) T	2-Butanone	0.125	0.129	0.106	0.111	0.108	0.113	0.115	8.11
26) T	2,2-Dichloropropa	0.743	0.787	0.644	0.603	0.593	0.563	0.656	13.69
27) T	cis-1,2-Dichloroe	0.590	0.584	0.576	0.567	0.583	0.567	0.578	1.66
28) T	Bromochloromethan	0.319	0.301	0.295	0.319	0.314	0.301	0.308	3.39
29) T	Tetrahydrofuran	0.069	0.072	0.066	0.070	0.066	0.071	0.069	3.20
30) C	Chloroform	0.968	0.979	0.928	0.945	0.929	0.909	0.943	2.79#
31) T	Cyclohexane	0.838	0.937	0.754	0.716	0.721	0.703	0.778	11.81
32) T	1,1,1-Trichloroet	0.891	0.879	0.846	0.837	0.832	0.810	0.849	3.56
33) S	1,2-Dichloroethan	0.510	0.533	0.470	0.501	0.499	0.490	0.501	4.18
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.313	0.349	0.301	0.313	0.318	0.303	0.316	5.50
36) T	1,1-Dichloroprope	0.496	0.486	0.474	0.472	0.479	0.448	0.476	3.39
37) T	Ethyl Acetate	0.161	0.155	0.164	0.168	0.162	0.157	0.161	2.95
38) T	Carbon Tetrachlor	0.533	0.529	0.518	0.516	0.531	0.501	0.521	2.39
39) T	Methylcyclohexane	0.589	0.557	0.568	0.579	0.593	0.571	0.576	2.34
40) TM	Benzene	1.334	1.279	1.282	1.269	1.267	1.212	1.274	3.05
41) T	Methacrylonitrile	0.099	0.091	0.086	0.095	0.095	0.090	0.093	4.97
42) TM	1,2-Dichloroethan	0.404	0.399	0.379	0.390	0.387	0.373	0.389	3.04
43) T	Isopropyl Acetate	0.331	0.317	0.309	0.327	0.325	0.321	0.322	2.39
44) TM	Trichloroethene	0.397	0.393	0.374	0.379	0.386	0.359	0.381	3.62
45) C	1,2-Dichloropropa	0.315	0.302	0.292	0.293	0.293	0.278	0.296	4.17#
46) T	Dibromomethane	0.185	0.179	0.171	0.177	0.175	0.167	0.176	3.57
47) T	Bromodichlorometh	0.462	0.454	0.445	0.457	0.459	0.441	0.453	1.84
48) T	Methyl methacryla	0.153	0.159	0.135	0.154	0.154	0.165	0.153	6.50
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.15
50) S	Toluene-d8	1.161	1.254	1.143	1.196	1.221	1.135	1.185	3.97
51) T	4-Methyl-2-Pentan	0.167	0.158	0.151	0.162	0.159	0.157	0.159	3.35
52) CM	Toluene	0.890	0.854	0.840	0.851	0.873	0.816	0.854	3.02#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.436	0.424	0.423	0.454	0.460	0.446	0.440	3.50
54) T	cis-1,3-Dichlorop	0.523	0.497	0.497	0.519	0.529	0.513	0.513	2.63
55) T	1,1,2-Trichloroet	0.266	0.260	0.241	0.250	0.246	0.238	0.250	4.28
56) T	Ethyl methacrylat	0.285	0.270	0.279	0.308	0.307	0.307	0.293	5.71
57) T	1,3-Dichloropropa	0.434	0.416	0.407	0.421	0.417	0.401	0.416	2.70
58) T	2-Chloroethyl Vin	0.130	0.143	0.122	0.135	0.131	0.127	0.131	5.42
59) T	2-Hexanone	0.113	0.102	0.102	0.113	0.111	0.110	0.109	4.91
60) T	Dibromochlorometh	0.327	0.299	0.305	0.326	0.327	0.315	0.317	3.87
61) T	1,2-Dibromoethane	0.259	0.250	0.233	0.249	0.244	0.237	0.246	3.86
62) S	4-Bromofluorobenz	0.447	0.479	0.423	0.443	0.452	0.422	0.444	4.70
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.353	0.363	0.321	0.349	0.344	0.330	0.343	4.55
65) PM	Chlorobenzene	1.046	1.082	1.017	1.022	1.031	0.980	1.030	3.28
66) T	1,1,1,2-Tetrachlo	0.393	0.386	0.375	0.386	0.381	0.366	0.381	2.58
67) C	Ethyl Benzene	1.870	1.807	1.802	1.872	1.885	1.794	1.838	2.25#
68) T	m/p-Xylenes	0.712	0.705	0.702	0.708	0.716	0.669	0.702	2.41
69) T	o-Xylene	0.651	0.640	0.638	0.650	0.662	0.633	0.645	1.63
70) T	Styrene	1.102	1.025	1.097	1.138	1.142	1.097	1.100	3.82
71) P	Bromoform	0.194	0.193	0.187	0.200	0.200	0.191	0.194	2.52
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.507	3.483	3.626	3.785	3.823	3.897	3.687	4.70
74) T	N-amyl acetate	0.620	0.608	0.596	0.676	0.671	0.700	0.645	6.58
75) P	1,1,2,2-Tetrachlo	0.613	0.623	0.567	0.617	0.602	0.620	0.607	3.43
76) T	1,2,3-Trichloropr	0.443	0.474	0.409	0.452	0.426	0.448	0.442	5.06
77) T	Bromobenzene	0.853	0.892	0.822	0.858	0.849	0.868	0.857	2.69
78) T	n-propylbenzene	4.196	4.294	4.264	4.392	4.350	4.472	4.328	2.26
79) T	2-Chlorotoluene	2.521	2.566	2.515	2.547	2.566	2.578	2.549	1.02
80) T	1,3,5-Trimethylbe	3.093	3.169	3.241	3.328	3.289	3.281	3.234	2.71
81) T	trans-1,4-Dichlor	0.187	0.194	0.193	0.201	0.207	0.214	0.199	4.96
82) T	4-Chlorotoluene	2.647	2.710	2.636	2.634	2.676	2.686	2.665	1.14
83) T	tert-Butylbenzene	2.632	2.616	2.646	2.756	2.840	2.809	2.717	3.59
84) T	1,2,4-Trimethylbe	3.153	3.186	3.228	3.244	3.285	3.255	3.225	1.50
85) T	sec-Butylbenzene	3.577	3.731	3.767	3.799	3.853	3.843	3.762	2.70
86) T	p-Isopropyltoluen	3.462	3.395	3.451	3.622	3.570	3.570	3.512	2.51
87) T	1,3-Dichlorobenze	1.643	1.756	1.639	1.572	1.652	1.610	1.645	3.74
88) T	1,4-Dichlorobenze	1.666	1.725	1.673	1.625	1.609	1.634	1.655	2.53
89) T	n-Butylbenzene	3.128	3.161	3.195	3.268	3.302	3.291	3.224	2.25
90) T	Hexachloroethane	0.641	0.663	0.651	0.655	0.666	0.681	0.659	2.09
91) T	1,2-Dichlorobenze	1.505	1.524	1.436	1.443	1.477	1.457	1.474	2.38
92) T	1,2-Dibromo-3-Chl	0.107	0.109	0.103	0.113	0.115	0.116	0.110	4.62
93) T	1,2,4-Trichlorobe	0.959	0.898	0.964	0.983	1.018	1.048	0.978	5.27
94) T	Hexachlorobutadie	0.564	0.619	0.564	0.596	0.579	0.584	0.584	3.58
95) T	Naphthalene	1.630	1.493	1.657	1.951	2.024	2.107	1.810	13.76
96) T	1,2,3-Trichlorobe	0.795	0.830	0.834	0.865	0.904	0.914	0.857	5.38

(#) = Out of Range