

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W031919S.M
 Title : SW846 8260
 Last Update : Wed Mar 20 07:22:50 2019
 Response Via : Initial Calibration

Calibration Files

10 =VW009234.D 5 =VW009233.D 20 =VW009235.D
 50 =VW009236.D 100 =VW009237.D 150 =VW009238.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.404	0.354	0.356	0.277	0.285	0.281	0.326	16.15
3) P	Chloromethane	0.362	0.372	0.366	0.334	0.354	0.387	0.362	4.90
4) C	Vinyl Chloride	0.585	0.574	0.555	0.473	0.492	0.514	0.532	8.64#
5) T	Bromomethane	0.443	0.490	0.462	0.388	0.400	0.420	0.434	8.91
6) T	Chloroethane	0.413	0.432	0.432	0.387	0.398	0.415	0.413	4.39
7) T	Trichlorofluorome	0.335	0.332	0.349	0.337	0.349	0.388	0.348	5.89
8) T	Diethyl Ether	0.269	0.282	0.248	0.238	0.235	0.235	0.251	7.93
9) T	1,1,2-Trichlorotr	0.556	0.594	0.495	0.477	0.453	0.454	0.505	11.43
10) T	Methyl Iodide	0.777	0.813	0.740	0.698	0.667	0.671	0.728	8.15
11) T	Tert butyl alcoho	0.032	0.032	0.029	0.030	0.031	0.032	0.031	4.40
12) CM	1,1-Dichloroethen	0.519	0.535	0.485	0.446	0.436	0.442	0.477	8.95#
13) T	Acrolein	0.024	0.030	0.023	0.026	0.025	0.024	0.025	9.41
14) T	Allyl chloride	0.706	0.784	0.678	0.681	0.669	0.703	0.703	5.96
15) T	Acrylonitrile	0.108	0.109	0.099	0.106	0.104	0.108	0.106	3.41
16) T	Acetone	0.117	0.120	0.100	0.110	0.105	0.105	0.109	7.07
17) T	Carbon Disulfide	1.444	1.495	1.388	1.232	1.204	1.219	1.330	9.60
18) T	Methyl Acetate	0.261	0.334	0.244	0.277	0.276	0.288	0.280	10.84
19) T	Methyl tert-butyl	0.581	0.621	0.577	0.584	0.565	0.586	0.586	3.25
20) T	Methylene Chlorid	0.557	0.660	0.499	0.463	0.435	0.443	0.509	16.89
21) T	trans-1,2-Dichlor	0.504	0.540	0.502	0.467	0.461	0.471	0.491	6.18
22) T	Diisopropyl ether	1.503	1.533	1.484	1.500	1.512	1.569	1.517	1.99
23) T	Vinyl Acetate	0.904	0.856	0.932	0.965	0.995	1.057	0.952	7.41
24) P	1,1-Dichloroethan	0.967	1.063	0.929	0.891	0.870	0.895	0.936	7.56
25) T	2-Butanone	0.152	0.157	0.146	0.157	0.159	0.167	0.156	4.62
26) T	2,2-Dichloropropa	0.568	0.583	0.527	0.501	0.478	0.480	0.523	8.57
27) T	cis-1,2-Dichloroe	0.533	0.551	0.536	0.521	0.522	0.529	0.532	2.07
28) T	Bromochloromethan	0.404	0.409	0.414	0.417	0.417	0.403	0.411	1.55
29) T	Tetrahydrofuran	0.094	0.096	0.095	0.100	0.102	0.109	0.099	5.67
30) C	Chloroform	1.020	1.067	0.975	0.936	0.915	0.929	0.974	6.12#
31) T	Cyclohexane	0.939	1.055	0.861	0.801	0.782	0.796	0.873	12.24
32) T	1,1,1-Trichloroet	0.807	0.886	0.774	0.741	0.718	0.737	0.777	7.94
33) S	1,2-Dichloroethan	0.528	0.565	0.498	0.544	0.529	0.526	0.532	4.13
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.316	0.347	0.308	0.324	0.309	0.298	0.317	5.38
36) T	1,1-Dichloroprope	0.521	0.539	0.506	0.483	0.469	0.467	0.498	5.87
37) T	Ethyl Acetate	0.226	0.223	0.218	0.228	0.228	0.239	0.227	3.08
38) T	Carbon Tetrachlor	0.549	0.595	0.528	0.502	0.493	0.493	0.527	7.65
39) T	Methylcyclohexane	0.569	0.592	0.570	0.584	0.576	0.563	0.576	1.87
40) TM	Benzene	1.401	1.451	1.365	1.305	1.288	1.285	1.349	5.03
41) T	Methacrylonitrile	0.110	0.132	0.109	0.124	0.125	0.135	0.122	9.02
42) TM	1,2-Dichloroethan	0.451	0.477	0.436	0.431	0.425	0.427	0.441	4.48
43) T	Isopropyl Acetate	0.443	0.459	0.430	0.451	0.463	0.482	0.455	3.88
44) TM	Trichloroethene	0.384	0.421	0.365	0.358	0.346	0.344	0.370	7.92
45) C	1,2-Dichloropropa	0.352	0.379	0.337	0.335	0.328	0.328	0.343	5.76#
46) T	Dibromomethane	0.195	0.201	0.189	0.183	0.181	0.184	0.189	4.13
47) T	Bromodichlorometh	0.477	0.506	0.471	0.468	0.467	0.471	0.477	3.11
48) T	Methyl methacryla	0.194	0.194	0.196	0.218	0.223	0.239	0.210	8.95
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	6.90
50) S	Toluene-d8	1.129	1.114	1.118	1.212	1.183	1.159	1.153	3.42
51) T	4-Methyl-2-Pentan	0.223	0.228	0.223	0.242	0.248	0.258	0.237	6.07
52) CM	Toluene	0.856	0.870	0.867	0.839	0.842	0.856	0.855	1.46#

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	Compound	10	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.451	0.448	0.436	0.474	0.483	0.496	0.465	4.98
54) T	cis-1,3-Dichlorop	0.513	0.537	0.505	0.521	0.528	0.534	0.523	2.35
55) T	1,1,2-Trichloroet	0.248	0.279	0.253	0.252	0.249	0.250	0.255	4.54
56) T	Ethyl methacrylat	0.277	0.258	0.283	0.319	0.337	0.351	0.304	12.18
57) T	1,3-Dichloropropa	0.433	0.463	0.425	0.439	0.440	0.443	0.440	2.93
58) T	2-Chloroethyl Vin	0.133	0.147	0.148	0.034	0.035	0.037	0.089	66.39
59) T	2-Hexanone	0.148	0.141	0.150	0.169	0.175	0.182	0.161	10.33
60) T	Dibromochlorometh	0.310	0.327	0.303	0.318	0.318	0.318	0.316	2.62
61) T	1,2-Dibromoethane	0.245	0.253	0.237	0.240	0.241	0.244	0.243	2.36
62) S	4-Bromofluorobenz	0.414	0.386	0.406	0.449	0.451	0.434	0.423	6.03
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.357	0.374	0.348	0.333	0.321	0.322	0.342	6.13
65) PM	Chlorobenzene	1.071	1.133	1.027	1.016	0.974	0.984	1.034	5.74
66) T	1,1,1,2-Tetrachlo	0.404	0.408	0.386	0.379	0.364	0.378	0.386	4.33
67) C	Ethyl Benzene	1.757	1.783	1.772	1.830	1.778	1.826	1.791	1.66#
68) T	m/p-Xylenes	0.710	0.688	0.695	0.699	0.682	0.692	0.694	1.39
69) T	o-Xylene	0.621	0.621	0.656	0.654	0.650	0.666	0.645	2.98
70) T	Stvrene	1.037	0.983	1.057	1.085	1.089	1.127	1.063	4.66
71) P	Bromoform	0.207	0.224	0.201	0.209	0.209	0.216	0.211	3.76
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.210	3.125	3.323	3.435	3.409	3.550	3.342	4.66
74) T	N-amyl acetate	0.813	0.737	0.799	0.903	0.952	1.025	0.872	12.33
75) P	1,1,2,2-Tetrachlo	0.638	0.660	0.591	0.614	0.614	0.634	0.625	3.82
76) T	1,2,3-Trichloropr	0.528	0.563	0.412	0.432	0.433	0.451	0.470	12.95
77) T	Bromobenzene	0.820	0.829	0.780	0.779	0.764	0.778	0.792	3.31
78) T	n-propylbenzene	4.074	3.905	4.057	4.222	4.167	4.202	4.104	2.89
79) T	2-Chlorotoluene	2.348	2.289	2.306	2.357	2.324	2.367	2.332	1.31
80) T	1,3,5-Trimethylbe	2.795	2.643	2.857	2.940	2.898	2.919	2.842	3.88
81) T	trans-1,4-Dichlor	0.182	0.178	0.166	0.201	0.201	0.221	0.191	10.38
82) T	4-Chlorotoluene	2.462	2.456	2.420	2.478	2.430	2.493	2.456	1.14
83) T	tert-Butylbenzene	2.369	2.234	2.404	2.534	2.492	2.539	2.429	4.85
84) T	1,2,4-Trimethylbe	2.883	2.735	2.922	3.001	2.946	2.994	2.914	3.37
85) T	sec-Butylbenzene	3.562	3.368	3.535	3.725	3.663	3.679	3.589	3.62
86) T	p-Isopropyltoluen	3.125	2.968	3.163	3.343	3.249	3.328	3.196	4.42
87) T	1,3-Dichlorobenze	1.684	1.732	1.621	1.625	1.578	1.588	1.638	3.61
88) T	1,4-Dichlorobenze	1.685	1.788	1.633	1.597	1.549	1.534	1.631	5.81
89) T	n-Butylbenzene	2.927	2.911	3.047	3.230	3.142	3.149	3.068	4.20
90) T	Hexachloroethane	0.608	0.664	0.631	0.638	0.620	0.621	0.630	3.07
91) T	1,2-Dichlorobenze	1.482	1.548	1.493	1.463	1.413	1.415	1.469	3.48
92) T	1,2-Dibromo-3-Chl	0.112	0.107	0.108	0.115	0.113	0.117	0.112	3.56
93) T	1,2,4-Trichlorobe	1.014	0.959	0.987	1.007	0.977	0.976	0.987	2.11
94) T	Hexachlorobutadie	0.683	0.663	0.632	0.623	0.585	0.579	0.627	6.62
95) T	Naphthalene	1.626	1.376	1.622	1.853	1.848	1.931	1.709	12.13
96) T	1,2,3-Trichlorobe	0.897	0.888	0.865	0.905	0.867	0.862	0.881	2.10

(#) = Out of Range