

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N042720W.M
 Title : SW846 8260
 Last Update : Tue Apr 28 02:20:26 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN061150.D 5 =VN061151.D 20 =VN061152.D
 50 =VN061153.D 100 =VN061154.D 150 =VN061155.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.452	0.467	0.527	0.569	0.588	0.578	0.530	11.08
3) P	Chloromethane	0.568	0.611	0.618	0.658	0.683	0.716	0.642	8.38
4) C	Vinyl Chloride	0.668	0.707	0.711	0.758	0.773	0.759	0.729	5.60#
5) T	Bromomethane		0.361	0.357	0.366	0.364	0.354	0.361	1.36
6) T	Chloroethane	0.450	0.456	0.460	0.473	0.474	0.461	0.462	2.06
7) T	Trichlorofluorome	0.749	0.888	0.853	0.828	0.817	0.802	0.823	5.72
8) T	Diethyl Ether	0.246	0.354	0.339	0.360	0.380	0.380	0.343	14.58
9) T	1,1,2-Trichlorotr	0.512	0.550	0.514	0.531	0.541	0.532	0.530	2.81
10) T	Methyl Iodide		0.633	0.639	0.687	0.716	0.731	0.681	6.52
11) T	Tert butyl alcoho		0.104	0.101	0.104	0.107	0.114	0.106	4.63
12) CM	1,1-Dichloroethen	0.511	0.545	0.501	0.531	0.540	0.538	0.528	3.33#
13) T	Acrolein		0.068	0.070	0.068	0.073	0.075	0.071	4.50
14) T	Allyl chloride	1.023	1.077	0.955	1.058	0.912	0.845	0.978	9.23
15) T	Acrylonitrile	0.267	0.326	0.310	0.336	0.356	0.356	0.325	10.27
16) T	Acetone	0.758	0.416	0.311	0.298	0.303	0.302	0.398	45.73
17) T	Carbon Disulfide	1.289	1.367	1.440	1.503	1.576	1.568	1.457	7.85
18) T	Methyl Acetate	1.434	1.191	0.930	0.945	1.005	1.014	1.087	17.86
19) T	Methyl tert-butyl	2.023	1.950	1.905	2.010	2.107	2.100	2.016	3.98
20) T	Methylene Chlorid	0.614	0.612	0.591	0.619	0.634	0.632	0.617	2.56
21) T	trans-1,2-Dichlor	0.534	0.549	0.551	0.588	0.612	0.612	0.574	5.94
22) T	Diisopropyl ether	2.034	2.196	2.146	2.295	2.468	2.470	2.268	7.81
23) T	Vinyl Acetate	1.538	1.712	1.730	1.894	2.045	2.040	1.826	11.04
24) P	1,1-Dichloroethan	1.085	1.217	1.139	1.192	1.247	1.232	1.185	5.23
25) T	2-Butanone	0.405	0.460	0.445	0.482	0.505	0.511	0.468	8.55
26) T	2,2-Dichloropropa	1.127	1.050	0.919	0.941	0.986	0.966	0.998	7.75
27) T	cis-1,2-Dichloroe	0.604	0.697	0.639	0.677	0.717	0.711	0.674	6.61
28) T	Bromochloromethan	0.497	0.596	0.561	0.530	0.584	0.602	0.562	7.35
29) T	Tetrahydrofuran	0.257	0.305	0.305	0.326	0.349	0.349	0.315	10.98
30) C	Chloroform	1.139	1.221	1.172	1.200	1.250	1.223	1.201	3.33#
31) T	Cyclohexane		1.281	1.056	1.110	1.164	1.143	1.151	7.25
32) T	1,1,1-Trichloroet	1.011	1.047	0.987	1.054	1.096	1.079	1.046	3.93
33) S	1,2-Dichloroethan		0.801	0.720	0.763	0.834	0.837	0.791	6.27
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.300	0.269	0.286	0.309	0.314	0.296	6.18
36) T	1,1-Dichloroprope	0.432	0.519	0.479	0.506	0.542	0.526	0.501	7.90
37) T	Ethyl Acetate	0.539	0.595	0.558	0.588	0.619	0.621	0.587	5.60
38) T	Carbon Tetrachlor	0.277	0.363	0.386	0.434	0.469	0.474	0.400	18.74
39) T	Methylcyclohexane	0.521	0.532	0.522	0.572	0.616	0.605	0.561	7.58
40) TM	Benzene	1.468	1.464	1.415	1.477	1.576	1.547	1.491	3.99
41) T	Methacrylonitrile	0.236	0.260	0.210	0.233	0.260	0.262	0.244	8.53
42) TM	1,2-Dichloroethan	0.513	0.576	0.554	0.568	0.594	0.584	0.565	5.13
43) T	Isopropyl Acetate	0.909	0.943	0.909	0.977	1.051	1.055	0.974	6.80
44) TM	Trichloroethene	0.427	0.409	0.381	0.396	0.408	0.398	0.403	3.85
45) C	1,2-Dichloropropa	0.373	0.400	0.386	0.399	0.420	0.412	0.398	4.28#
46) T	Dibromomethane	0.200	0.245	0.248	0.255	0.268	0.264	0.247	9.90
47) T	Bromodichlorometh	0.471	0.527	0.502	0.535	0.575	0.566	0.529	7.36
48) T	Methyl methacryla	0.378	0.420	0.399	0.453	0.490	0.497	0.439	11.11
49) T	1,4-Dioxane	0.006	0.005	0.004	0.005	0.005	0.005	0.005	12.65
50) S	Toluene-d8		1.168	1.057	1.170	1.306	1.326	1.205	9.22
51) T	4-Methyl-2-Pentan	0.484	0.549	0.543	0.597	0.639	0.627	0.573	10.27
52) CM	Toluene	0.807	0.846	0.862	0.921	0.984	0.969	0.898	7.93#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.561	0.558	0.550	0.603	0.655	0.653	0.597	8.06
54) T	cis-1,3-Dichlorop	0.611	0.607	0.582	0.628	0.679	0.677	0.631	6.25
55) T	1,1,2-Trichloroet	0.330	0.365	0.341	0.358	0.381	0.374	0.358	5.51
56) T	Ethyl methacrylat	0.382	0.474	0.504	0.586	0.645	0.652	0.540	19.64
57) T	1,3-Dichloropropa	0.540	0.642	0.601	0.647	0.679	0.668	0.630	8.17
58) T	2-Chloroethyl Vin	0.257	0.262	0.270	0.295	0.324	0.331	0.290	11.00
59) T	2-Hexanone	0.337	0.384	0.399	0.440	0.473	0.469	0.417	12.74
60) T	Dibromochlorometh	0.335	0.363	0.343	0.381	0.415	0.414	0.375	9.17
61) T	1,2-Dibromoethane	0.294	0.350	0.352	0.371	0.397	0.390	0.359	10.36
62) S	4-Bromofluorobenz		0.430	0.385	0.439	0.501	0.513	0.454	11.68
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.412	0.471	0.424	0.427	0.440	0.425	0.433	4.76
65) PM	Chlorobenzene	0.940	1.030	0.933	0.987	1.043	1.018	0.992	4.75
66) T	1,1,1,2-Tetrachlo	0.322	0.351	0.342	0.360	0.380	0.374	0.355	6.06
67) C	Ethyl Benzene	1.693	1.817	1.759	1.893	2.020	1.959	1.857	6.65#
68) T	m/p-Xylenes	0.617	0.656	0.644	0.699	0.737	0.724	0.680	7.03
69) T	o-Xylene	0.586	0.638	0.615	0.668	0.715	0.695	0.653	7.52
70) T	Stvrene	0.934	0.975	1.040	1.144	1.244	1.219	1.093	11.83
71) P	Bromoform	0.203	0.239	0.247	0.274	0.303	0.299	0.261	14.75
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.449	3.563	3.554	3.689	3.918	3.881	3.676	5.16
74) T	N-amyl acetate	1.655	1.722	1.756	1.893	2.057	2.085	1.861	9.70
75) P	1,1,2,2-Tetrachlo	1.069	1.223	1.124	1.135	1.177	1.148	1.146	4.50
76) T	1,2,3-Trichloropr	1.160	1.024	0.989	1.032	1.063	1.058	1.054	5.54
77) T	Bromobenzene	0.768	0.889	0.811	0.846	0.891	0.886	0.849	5.95
78) T	n-propylbenzene	4.102	4.197	4.174	4.428	4.660	4.599	4.360	5.42
79) T	2-Chlorotoluene	2.412	2.560	2.465	2.553	2.701	2.684	2.563	4.49
80) T	1,3,5-Trimethylbe	2.721	2.927	2.926	3.112	3.297	3.272	3.042	7.39
81) T	trans-1,4-Dichlor		0.382	0.379	0.412	0.451	0.451	0.415	8.55
82) T	4-Chlorotoluene	2.589	2.623	2.548	2.702	2.885	2.857	2.701	5.24
83) T	tert-Butylbenzene	2.344	2.433	2.480	2.618	2.760	2.756	2.565	6.77
84) T	1,2,4-Trimethylbe	3.028	3.014	3.002	3.165	3.300	3.298	3.134	4.48
85) T	sec-Butylbenzene	3.108	3.379	3.351	3.595	3.785	3.767	3.497	7.58
86) T	p-Isopropyltoluen	2.854	2.998	3.002	3.232	3.424	3.396	3.151	7.44
87) T	1,3-Dichlorobenze	1.475	1.589	1.491	1.573	1.632	1.613	1.562	4.15
88) T	1,4-Dichlorobenze	1.637	1.614	1.488	1.568	1.648	1.622	1.596	3.74
89) T	n-Butylbenzene	2.579	2.759	2.697	2.990	3.163	3.144	2.889	8.48
90) T	Hexachloroethane		0.162	0.230	0.288	0.351	0.376	0.281	31.08
91) T	1,2-Dichlorobenze	1.435	1.502	1.474	1.501	1.553	1.522	1.498	2.71
92) T	1,2-Dibromo-3-Chl	0.184	0.244	0.246	0.254	0.263	0.262	0.242	12.25
93) T	1,2,4-Trichlorobe	0.858	0.864	0.865	0.933	0.972	0.980	0.912	6.20
94) T	Hexachlorobutadie	0.336	0.405	0.367	0.387	0.397	0.394	0.381	6.70
95) T	Naphthalene	2.636	2.717	2.831	3.087	3.258	3.294	2.970	9.47
96) T	1,2,3-Trichlorobe	0.841	0.860	0.874	0.909	0.956	0.963	0.900	5.65

(#) = Out of Range