

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N121319W.M
 Title : SW846 8260
 Last Update : Fri Dec 13 23:17:39 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN059592.D 5 =VN059591.D 20 =VN059586.D
 50 =VN059587.D 100 =VN059588.D 150 =VN059589.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.680	0.726	0.592	0.602	0.708	0.568	0.646	10.32
3) P	Chloromethane	1.167	1.072	0.943	0.980	1.118	0.873	1.025	10.94
4) C	Vinyl Chloride	1.025	1.071	0.903	0.922	1.052	0.860	0.972	9.07#
5) T	Bromomethane		0.695	0.523	0.540	0.574	0.494	0.565	13.78
6) T	Chloroethane	0.591	0.552	0.531	0.516	0.614	0.475	0.546	9.28
7) T	Trichlorofluorome	1.085	1.149	1.002	1.071	1.160	0.934	1.067	8.11
8) T	Diethyl Ether	0.302	0.356	0.308	0.326	0.386	0.321	0.333	9.62
9) T	1,1,2-Trichlorotr	0.540	0.602	0.492	0.509	0.603	0.478	0.538	10.16
10) T	Methyl Iodide		0.663	0.653	0.708	0.841	0.694	0.712	10.60
11) T	Tert butyl alcoho		0.138	0.120	0.124	0.157	0.128	0.133	10.89
12) CM	1,1-Dichloroethen	0.550	0.561	0.474	0.499	0.581	0.482	0.524	8.58#
13) T	Acrolein		0.086	0.091	0.098	0.099	0.101	0.095	6.62
14) T	Allyl chloride	1.238	1.113	0.931	0.999	1.187	0.991	1.077	11.31
15) T	Acrylonitrile	0.285	0.332	0.303	0.317	0.382	0.318	0.323	10.23
16) T	Acetone	0.502	0.408	0.404	0.415	0.478	0.385	0.432	10.79
17) T	Carbon Disulfide	2.486	1.865	1.534	1.563	1.825	1.532	1.801	20.40
18) T	Methyl Acetate	0.997	0.918	0.808	0.841	1.008	0.859	0.905	9.23
19) T	Methyl tert-butyl	1.756	1.929	1.693	1.804	2.158	1.769	1.852	9.15
20) T	Methylene Chlorid	0.686	0.675	0.557	0.586	0.677	0.563	0.624	9.84
21) T	trans-1,2-Dichlor	0.637	0.610	0.524	0.553	0.647	0.538	0.585	9.09
22) T	Diisopropyl ether	1.818	2.027	1.842	1.957	2.344	1.922	1.985	9.66
23) T	Vinyl Acetate	1.294	1.510	1.519	1.623	1.880	1.521	1.558	12.29
24) P	1,1-Dichloroethan	1.082	1.196	1.044	1.093	1.273	1.059	1.124	8.02
25) T	2-Butanone	0.483	0.513	0.479	0.505	0.616	0.502	0.517	9.80
26) T	2,2-Dichloropropa	1.013	1.092	0.935	0.995	1.152	0.943	1.022	8.34
27) T	cis-1,2-Dichloroe	0.609	0.691	0.598	0.636	0.738	0.616	0.648	8.50
28) T	Bromochloromethan	0.188	0.231	0.456	0.460	0.523	0.456	0.386	36.23
29) T	Tetrahydrofuran	0.302	0.321	0.289	0.304	0.369	0.304	0.315	8.98
30) C	Chloroform	1.053	1.166	1.029	1.077	1.271	1.044	1.107	8.48#
31) T	Cyclohexane		1.255	0.944	0.989	1.179	0.945	1.062	13.64
32) T	1,1,1-Trichloroet	1.016	1.048	0.908	0.962	1.128	0.925	0.998	8.33
33) S	1,2-Dichloroethan		0.804	0.720	0.716	0.676	0.721	0.728	6.46
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.329	0.311	0.305	0.300	0.319	0.313	3.69
36) T	1,1-Dichloroprope	0.477	0.543	0.483	0.506	0.616	0.502	0.521	9.95
37) T	Ethyl Acetate	0.611	0.593	0.556	0.574	0.714	0.588	0.606	9.25
38) T	Carbon Tetrachlor	0.541	0.566	0.495	0.517	0.620	0.507	0.541	8.57
39) T	Methylcyclohexane	0.545	0.593	0.528	0.588	0.718	0.578	0.591	11.33
40) TM	Benzene	1.483	1.588	1.410	1.485	1.749	1.428	1.524	8.31
41) T	Methacrylonitrile	0.223	0.230	0.248	0.249	0.287	0.265	0.250	9.30
42) TM	1,2-Dichloroethan	0.543	0.625	0.536	0.574	0.672	0.553	0.584	9.22
43) T	Isopropyl Acetate	0.832	0.939	0.857	0.930	1.150	0.945	0.942	11.90
44) TM	Trichloroethene	0.406	0.420	0.362	0.380	0.453	0.373	0.399	8.51
45) C	1,2-Dichloropropa	0.412	0.425	0.373	0.397	0.473	0.388	0.411	8.53#
46) T	Dibromomethane	0.263	0.283	0.246	0.260	0.312	0.254	0.270	9.02
47) T	Bromodichlorometh	0.473	0.558	0.499	0.529	0.639	0.526	0.537	10.72
48) T	Methyl methacryla	0.383	0.409	0.380	0.421	0.533	0.439	0.427	13.17
49) T	1,4-Dioxane	0.004	0.005	0.006	0.007	0.008	0.006	0.006	18.93
50) S	Toluene-d8		1.298	1.216	1.236	1.185	1.257	1.239	3.42
51) T	4-Methyl-2-Pentan	0.474	0.549	0.539	0.582	0.688	0.540	0.562	12.67
52) CM	Toluene	0.918	0.976	0.844	0.904	1.088	0.889	0.936	9.14#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.551	0.620	0.564	0.617	0.752	0.627	0.622	11.44
54) T	cis-1,3-Dichlorop	0.593	0.653	0.599	0.649	0.783	0.643	0.653	10.50
55) T	1,1,2-Trichloroet	0.349	0.373	0.339	0.360	0.430	0.354	0.367	8.84
56) T	Ethyl methacrylat	0.408	0.478	0.494	0.570	0.723	0.598	0.545	20.25
57) T	1,3-Dichloropropa	0.593	0.654	0.593	0.631	0.753	0.615	0.640	9.39
58) T	2-Chloroethyl Vin	0.144	0.185	0.193	0.215	0.082	0.221	0.173	30.24
59) T	2-Hexanone	0.347	0.415	0.424	0.465	0.563	0.443	0.443	16.04
60) T	Dibromochlorometh	0.352	0.394	0.365	0.399	0.491	0.404	0.401	12.14
61) T	1,2-Dibromoethane	0.390	0.379	0.351	0.377	0.463	0.378	0.390	9.72
62) S	4-Bromofluorobenz		0.454	0.429	0.456	0.447	0.474	0.452	3.57
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.513	0.533	0.387	0.424	0.524	0.416	0.466	13.71
65) PM	Chlorobenzene	1.058	1.166	0.983	1.037	1.237	1.009	1.082	9.10
66) T	1,1,1,2-Tetrachlo	0.396	0.447	0.371	0.397	0.470	0.384	0.411	9.43
67) C	Ethyl Benzene	1.876	2.011	1.793	1.922	2.281	1.834	1.953	9.09#
68) T	m/p-Xylenes	0.663	0.743	0.660	0.708	0.855	0.697	0.721	10.06
69) T	o-Xylene	0.621	0.694	0.629	0.679	0.826	0.668	0.686	10.78
70) T	Styrene	0.961	1.036	0.974	1.123	1.387	1.134	1.102	14.23
71) P	Bromoform	0.246	0.304	0.274	0.315	0.392	0.322	0.309	16.11
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.871	4.306	3.608	3.781	4.420	3.565	3.925	9.14
74) T	N-amyl acetate	1.358	1.852	1.684	1.810	2.240	1.858	1.800	15.86
75) P	1,1,2,2-Tetrachlo	1.200	1.364	1.157	1.198	1.400	1.151	1.245	8.74
76) T	1,2,3-Trichloropr	1.366	1.197	1.178	1.172	1.389	1.125	1.238	8.95
77) T	Bromobenzene	1.076	1.041	0.876	0.896	1.045	0.858	0.965	10.22
78) T	n-propylbenzene	4.686	4.924	4.311	4.508	5.242	4.168	4.640	8.59
79) T	2-Chlorotoluene	3.000	3.008	2.556	2.648	3.108	2.512	2.806	9.34
80) T	1,3,5-Trimethylbe	3.168	3.647	3.080	3.206	3.786	3.042	3.322	9.47
81) T	trans-1,4-Dichlor		0.513	0.447	0.477	0.587	0.483	0.501	10.66
82) T	4-Chlorotoluene	2.939	3.061	2.631	2.737	3.244	2.623	2.873	8.76
83) T	tert-Butylbenzene	2.843	3.078	2.570	2.660	3.175	2.551	2.813	9.45
84) T	1,2,4-Trimethylbe	3.072	3.564	3.045	3.222	3.816	3.098	3.303	9.57
85) T	sec-Butylbenzene	3.502	4.072	3.443	3.637	4.322	3.474	3.742	9.82
86) T	p-Isopropyltoluen	3.132	3.620	3.095	3.307	3.975	3.204	3.389	10.14
87) T	1,3-Dichlorobenze	1.976	1.889	1.571	1.646	1.966	1.600	1.775	10.65
88) T	1,4-Dichlorobenze	2.121	1.894	1.561	1.627	1.940	1.594	1.790	12.76
89) T	n-Butylbenzene	3.140	3.249	2.834	3.062	3.759	3.019	3.177	9.97
90) T	Hexachloroethane	0.599	0.688	0.580	0.620	0.746	0.611	0.641	9.88
91) T	1,2-Dichlorobenze	2.035	1.837	1.548	1.618	1.898	1.566	1.750	11.51
92) T	1,2-Dibromo-3-Chl	0.567	0.405	0.277	0.291	0.354	0.306	0.367	29.73
93) T	1,2,4-Trichlorobe	1.317	1.194	0.924	1.007	1.261	1.079	1.130	13.49
94) T	Hexachlorobutadie	0.824	0.672	0.517	0.502	0.607	0.509	0.605	20.91
95) T	Naphthalene	4.137	3.334	2.703	2.985	3.836	3.251	3.374	15.76
96) T	1,2,3-Trichlorobe	1.502	1.243	0.900	0.966	1.208	1.039	1.143	19.33

(#) = Out of Range