

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N091019W.M
 Title : SW846 8260
 Last Update : Tue Sep 10 03:02:13 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN057799.D 5 =VN057806.D 20 =VN057801.D
 50 =VN057802.D 100 =VN057803.D 150 =VN057804.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.733	0.671	0.686	0.691	0.676	0.692	0.691	3.19
3) P	Chloromethane	0.947	0.791	0.659	0.649	0.587	0.596	0.705	19.77
4) C	Vinyl Chloride	0.926	0.831	0.720	0.710	0.642	0.646	0.746	14.96#
5) T	Bromomethane		0.617	0.446	0.422	0.369	0.415	0.454	20.99
6) T	Chloroethane	0.649	0.500	0.461	0.444	0.395	0.402	0.475	19.70
7) T	Trichlorofluorome	1.282	0.986	0.816	0.903	0.770	0.875	0.939	19.60
8) T	Diethyl Ether	0.495	0.420	0.364	0.369	0.344	0.356	0.392	14.61
9) T	1,1,2-Trichlorotr	0.689	0.634	0.566	0.581	0.540	0.543	0.592	9.89
10) T	Methyl Iodide		0.687	0.628	0.671	0.633	0.677	0.659	4.06
11) T	Tert butyl alcoho		0.125	0.121	0.130	0.115	0.122	0.123	4.39
12) CM	1,1-Dichloroethen	0.681	0.579	0.494	0.498	0.466	0.477	0.532	15.56#
13) T	Acrolein		0.113	0.102	0.106	0.097	0.102	0.104	5.61
14) T	Allyl chloride	1.357	1.071	0.933	0.979	0.936	0.975	1.042	15.59
15) T	Acrylonitrile	0.377	0.335	0.329	0.336	0.318	0.326	0.337	6.16
16) T	Acetone	0.393	0.297	0.368	0.338	0.295	0.301	0.332	12.50
17) T	Carbon Disulfide	1.451	1.195	0.771	0.813	0.794	0.848	0.979	28.57
18) T	Methyl Acetate	1.035	0.866	0.873	0.878	0.820	0.839	0.885	8.66
19) T	Methyl tert-butyl	2.495	2.178	2.152	2.234	2.078	2.157	2.216	6.58
20) T	Methylene Chlorid	0.995	0.783	0.661	0.662	0.602	0.628	0.722	20.42
21) T	trans-1,2-Dichlor	0.723	0.658	0.525	0.541	0.496	0.511	0.576	16.10
22) T	Diisopropyl ether	2.645	2.429	2.340	2.477	2.300	2.470	2.443	4.98
23) T	Vinyl Acetate	1.898	1.794	1.735	1.846	1.635	1.481	1.732	8.81
24) P	1,1-Dichloroethan	1.611	1.366	1.283	1.314	1.197	1.241	1.335	11.01
25) T	2-Butanone	0.536	0.455	0.492	0.493	0.447	0.460	0.480	6.93
26) T	2,2-Dichloropropa	1.170	1.023	0.998	1.070	1.000	1.079	1.057	6.18
27) T	cis-1,2-Dichloroe	0.923	0.820	0.730	0.750	0.688	0.716	0.771	11.25
28) T	Bromochloromethan	0.739	0.664	0.662	0.672	0.631	0.635	0.667	5.85
29) T	Tetrahydrofuran	0.350	0.286	0.285	0.297	0.275	0.284	0.296	9.19
30) C	Chloroform	1.694	1.421	1.305	1.377	1.264	1.316	1.396	11.19#
31) T	Cyclohexane		1.372	0.936	0.946	0.858	0.893	1.001	21.00
32) T	1,1,1-Trichloroet	1.285	1.098	1.024	1.107	1.040	1.092	1.107	8.40
33) S	1,2-Dichloroethan		1.059	1.046	1.022	0.973	0.964	1.013	4.24
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.484	0.476	0.461	0.444	0.444	0.461	3.97
36) T	1,1-Dichloroprope	0.744	0.612	0.531	0.546	0.510	0.536	0.580	15.12
37) T	Ethyl Acetate	0.746	0.583	0.573	0.587	0.542	0.563	0.599	12.34
38) T	Carbon Tetrachlor	0.566	0.521	0.489	0.532	0.513	0.555	0.529	5.33
39) T	Methylcyclohexane	0.725	0.682	0.552	0.579	0.544	0.576	0.610	12.36
40) TM	Benzene	2.060	1.848	1.659	1.701	1.581	1.626	1.746	10.25
41) T	Methacrylonitrile	0.284	0.306	0.249	0.270	0.243	0.280	0.272	8.58
42) TM	1,2-Dichloroethan	0.822	0.717	0.675	0.688	0.629	0.657	0.698	9.68
43) T	Isopropyl Acetate	1.100	0.946	0.964	1.025	0.973	1.038	1.008	5.72
44) TM	Trichloroethene	0.510	0.454	0.402	0.413	0.386	0.403	0.428	10.81
45) C	1,2-Dichloropropa	0.586	0.517	0.491	0.504	0.465	0.486	0.508	8.24#
46) T	Dibromomethane	0.346	0.314	0.294	0.305	0.287	0.297	0.307	6.86
47) T	Bromodichlorometh	0.618	0.555	0.581	0.656	0.611	0.657	0.613	6.58
48) T	Methyl methacryla	0.621	0.467	0.467	0.518	0.483	0.510	0.511	11.39
49) T	1,4-Dioxane	0.010	0.009	0.008	0.009	0.008	0.008	0.009	7.47
50) S	Toluene-d8		1.699	1.896	1.862	1.811	1.690	1.792	5.23
51) T	4-Methyl-2-Pentan	0.697	0.597	0.611	0.653	0.548	0.472	0.596	13.24
52) CM	Toluene	1.251	1.126	1.023	1.089	1.037	1.071	1.100	7.54#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.594	0.550	0.591	0.701	0.688	0.749	0.646	12.07
54) T	cis-1,3-Dichlorop	0.685	0.649	0.678	0.759	0.726	0.780	0.713	7.13
55) T	1,1,2-Trichloroet	0.506	0.466	0.436	0.480	0.442	0.465	0.466	5.50
56) T	Ethyl methacrylat	0.703	0.642	0.664	0.747	0.702	0.750	0.701	6.20
57) T	1,3-Dichloropropa	0.880	0.790	0.764	0.820	0.760	0.802	0.803	5.52
58) T	2-Chloroethyl Vin	0.335	0.334	0.347	0.385	0.269	0.313	0.330	11.62
59) T	2-Hexanone	0.508	0.419	0.451	0.491	0.426	0.386	0.447	10.25
60) T	Dibromochlorometh	0.392	0.345	0.397	0.479	0.470	0.512	0.433	14.75
61) T	1,2-Dibromoethane	0.461	0.418	0.419	0.455	0.434	0.455	0.440	4.38
62) S	4-Bromofluorobenz		0.728	0.655	0.660	0.672	0.698	0.683	4.40
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.473	0.397	0.339	0.349	0.318	0.338	0.369	15.57
65) PM	Chlorobenzene	1.601	1.304	1.234	1.306	1.181	1.226	1.309	11.54
66) T	1,1,1,2-Tetrachlo	0.478	0.408	0.431	0.481	0.444	0.481	0.454	6.79
67) C	Ethyl Benzene	2.827	2.388	2.218	2.343	2.067	1.917	2.293	13.73#
68) T	m/p-Xylenes	0.920	0.839	0.810	0.863	0.797	0.811	0.840	5.47
69) T	o-Xylene	0.896	0.828	0.791	0.869	0.785	0.842	0.835	5.20
70) T	Styrene	1.466	1.385	1.376	1.539	1.408	1.449	1.437	4.24
71) P	Bromoform	0.230	0.222	0.249	0.320	0.318	0.358	0.283	19.91
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.537	4.195	4.026	3.935	3.428	3.159	3.880	13.04
74) T	N-amyl acetate	1.786	1.595	1.660	1.767	1.604	1.719	1.689	4.83
75) P	1,1,2,2-Tetrachlo	1.577	1.316	1.292	1.301	1.142	1.211	1.306	11.32
76) T	1,2,3-Trichloropr	1.333	1.188	1.106	1.133	0.935	1.092	1.131	11.51
77) T	Bromobenzene	1.199	1.006	0.938	0.913	0.838	0.910	0.967	12.99
78) T	n-propylbenzene	5.368	4.767	4.631	4.612	3.894	3.460	4.455	15.19
79) T	2-Chlorotoluene	3.478	2.905	2.778	2.753	2.467	2.515	2.816	12.94
80) T	1,3,5-Trimethylbe	3.650	3.402	3.400	3.378	2.992	2.848	3.278	9.10
81) T	trans-1,4-Dichlor		0.237	0.280	0.351	0.344	0.395	0.321	19.41
82) T	4-Chlorotoluene	3.392	2.982	2.827	2.907	2.612	2.631	2.892	9.89
83) T	tert-Butylbenzene	3.295	3.027	2.945	2.967	2.629	2.622	2.914	8.79
84) T	1,2,4-Trimethylbe	4.002	3.329	3.431	3.442	2.991	2.795	3.332	12.55
85) T	sec-Butylbenzene	4.513	4.001	4.018	4.021	3.463	3.158	3.862	12.40
86) T	p-Isopropyltoluen	3.685	3.509	3.545	3.641	3.138	2.900	3.403	9.20
87) T	1,3-Dichlorobenze	2.009	1.794	1.738	1.780	1.613	1.720	1.776	7.38
88) T	1,4-Dichlorobenze	2.241	1.786	1.697	1.772	1.606	1.711	1.802	12.43
89) T	n-Butylbenzene	3.503	3.241	3.294	3.393	3.017	2.835	3.214	7.69
90) T	Hexachloroethane	0.458	0.424	0.483	0.546	0.529	0.598	0.506	12.57
91) T	1,2-Dichlorobenze	2.126	1.776	1.706	1.775	1.574	1.685	1.774	10.58
92) T	1,2-Dibromo-3-Chl	0.209	0.190	0.217	0.233	0.213	0.233	0.216	7.37
93) T	1,2,4-Trichlorobe	1.557	1.160	1.031	1.085	1.006	1.117	1.159	17.50
94) T	Hexachlorobutadie	0.582	0.508	0.466	0.464	0.447	0.481	0.491	9.98
95) T	Naphthalene	4.848	3.376	2.987	3.125	2.856	2.857	3.341	22.85
96) T	1,2,3-Trichlorobe	1.672	1.111	0.975	1.007	0.940	1.063	1.128	24.24

(#) = Out of Range