

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N062918W.M
 Title : SW846 8260
 Last Update : Sat Jun 30 00:55:30 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN049632.D 5 =VN049626.D 20 =VN049627.D
 50 =VN049628.D 100 =VN049629.D 150 =VN049630.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.539	0.555	0.594	0.560	0.588	0.544	0.563	4.06
3) P	Chloromethane	0.786	0.732	0.696	0.655	0.697	0.656	0.704	7.05
4) C	Vinyl Chloride	0.784	0.794	0.768	0.722	0.759	0.708	0.756	4.53#
5) T	Bromomethane	0.513	0.389	0.388	0.348	0.380	0.364	0.397	14.87
6) T	Chloroethane	0.523	0.528	0.477	0.443	0.466	0.434	0.478	8.25
7) T	Trichlorofluorome	0.961	1.022	0.861	0.764	0.821	0.751	0.863	12.60
8) T	Diethyl Ether	0.382	0.371	0.339	0.321	0.354	0.333	0.350	6.75
9) T	1,1,2-Trichlorotr	0.664	0.706	0.620	0.570	0.608	0.559	0.621	9.00
10) T	Methyl Iodide		0.752	0.734	0.732	0.840	0.829	0.777	6.78
11) T	Tert butyl alcoho		0.039	0.036	0.035	0.040	0.039	0.038	5.47
12) CM	1,1-Dichloroethen	0.674	0.644	0.568	0.532	0.570	0.535	0.587	9.98#
13) T	Acrolein		0.029	0.035	0.037	0.037	0.039	0.035	11.37
14) T	Allyl chloride	0.909	0.965	0.830	0.696	0.736	0.705	0.807	13.97
15) T	Acrylonitrile	0.208	0.197	0.184	0.184	0.205	0.197	0.196	5.10
16) T	Acetone	0.272	0.179	0.139	0.126	0.138	0.127	0.164	34.61
17) T	Carbon Disulfide	2.462	1.804	1.609	1.539	1.680	1.587	1.780	19.46
18) T	Methyl Acetate	2.099	1.533	0.660	0.569	0.574	0.535	0.995	66.53
19) T	Methyl tert-butyl	1.585	1.504	1.464	1.438	1.587	1.506	1.514	4.06
20) T	Methylene Chlorid	0.839	0.760	0.644	0.597	0.639	0.601	0.680	14.40
21) T	trans-1,2-Dichlor	0.655	0.637	0.584	0.564	0.612	0.574	0.604	6.04
22) T	Diisopropyl ether	1.712	1.843	1.867	1.770	1.944	1.814	1.825	4.39
23) T	Vinyl Acetate	1.068	1.112	1.147	1.178	1.331	1.265	1.184	8.30
24) P	1,1-Dichloroethan	1.234	1.270	1.138	1.065	1.139	1.052	1.150	7.64
25) T	2-Butanone	0.243	0.216	0.203	0.205	0.229	0.219	0.219	6.89
26) T	2,2-Dichloropropa	1.035	1.046	0.944	0.875	0.952	0.879	0.955	7.69
27) T	cis-1,2-Dichloroe	0.696	0.691	0.664	0.637	0.702	0.662	0.675	3.69
28) T	Bromochloromethan	0.470	0.520	0.498	0.476	0.488	0.475	0.488	3.84
29) T	Tetrahydrofuran	0.139	0.130	0.135	0.136	0.152	0.147	0.140	5.75
30) C	Chloroform	1.242	1.300	1.173	1.083	1.157	1.077	1.172	7.48#
31) T	Cyclohexane	1.726	1.147	0.994	0.940	1.026	0.960	1.132	26.50
32) T	1,1,1-Trichloroet	1.014	1.086	0.995	0.929	0.998	0.932	0.992	5.86
33) S	1,2-Dichloroethan		0.723	0.682	0.628	0.636	0.632	0.660	6.27
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.406	0.395	0.369	0.356	0.343	0.374	7.03
36) T	1,1-Dichloroprope	0.529	0.565	0.555	0.557	0.600	0.569	0.563	4.10
37) T	Ethyl Acetate	0.294	0.322	0.326	0.326	0.356	0.344	0.328	6.45
38) T	Carbon Tetrachlor	0.556	0.562	0.535	0.518	0.572	0.540	0.547	3.60
39) T	Methylcyclohexane	0.614	0.592	0.587	0.598	0.673	0.636	0.617	5.32
40) TM	Benzene	1.717	1.789	1.713	1.649	1.762	1.677	1.718	3.01
41) T	Methacrylonitrile	0.153	0.182	0.205	0.181	0.188	0.202	0.185	10.04
42) TM	1,2-Dichloroethan	0.587	0.573	0.539	0.516	0.552	0.521	0.548	5.15
43) T	Isopropyl Acetate	1.274	0.809	0.633	0.627	0.667	0.641	0.775	32.75
44) TM	Trichloroethene	0.559	0.550	0.507	0.485	0.518	0.489	0.518	5.95
45) C	1,2-Dichloropropa	0.402	0.474	0.452	0.434	0.463	0.437	0.444	5.74#
46) T	Dibromomethane	0.262	0.288	0.266	0.256	0.277	0.262	0.268	4.34
47) T	Bromodichlorometh	0.556	0.592	0.570	0.554	0.595	0.563	0.572	3.13
48) T	Methyl methacryla	0.271	0.266	0.283	0.293	0.321	0.315	0.292	7.77
49) T	1,4-Dioxane	0.004	0.004	0.004	0.004	0.004	0.004	0.004	7.38
50) S	Toluene-d8		1.418	1.486	1.455	1.473	1.483	1.463	1.93
51) T	4-Methyl-2-Pentan	0.314	0.302	0.309	0.317	0.350	0.338	0.322	5.78
52) CM	Toluene	0.979	1.023	1.040	1.033	1.107	1.044	1.038	4.00#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.506	0.508	0.513	0.540	0.618	0.599	0.547	9.01
54) T	cis-1,3-Dichlorop	0.579	0.602	0.624	0.639	0.712	0.681	0.640	7.72
55) T	1,1,2-Trichloroet	0.404	0.401	0.376	0.367	0.394	0.376	0.386	4.00
56) T	Ethyl methacrylat	0.394	0.378	0.429	0.465	0.534	0.517	0.453	14.18
57) T	1,3-Dichloropropa	0.578	0.641	0.626	0.615	0.665	0.634	0.627	4.65
58) T	2-Chloroethyl Vin	0.188	0.174	0.192	0.214	0.259	0.238	0.211	15.46
59) T	2-Hexanone	0.210	0.186	0.199	0.211	0.239	0.231	0.213	9.26
60) T	Dibromochlorometh	0.384	0.407	0.409	0.413	0.456	0.436	0.418	6.06
61) T	1,2-Dibromoethane	0.368	0.363	0.354	0.361	0.394	0.380	0.370	3.93
62) S	4-Bromofluorobenz		0.438	0.491	0.499	0.525	0.545	0.500	8.16
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.745	0.755	0.664	0.629	0.656	0.612	0.677	8.84
65) PM	Chlorobenzene	1.430	1.354	1.258	1.228	1.314	1.243	1.304	5.93
66) T	1,1,1,2-Tetrachlo	0.468	0.493	0.469	0.449	0.481	0.452	0.469	3.58
67) C	Ethyl Benzene	2.106	2.100	2.108	2.128	2.313	2.181	2.156	3.81#
68) T	m/p-Xylenes	0.758	0.801	0.835	0.831	0.894	0.838	0.826	5.43
69) T	o-Xylene	0.706	0.771	0.803	0.789	0.862	0.816	0.791	6.53
70) T	Stvrene	1.089	1.181	1.294	1.312	1.439	1.364	1.280	9.86
71) P	Bromoform	0.307	0.295	0.295	0.302	0.338	0.330	0.311	5.97
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.256	4.200	4.013	3.809	3.953	3.665	3.983	5.67
74) T	N-amyl acetate	1.264	0.988	1.000	1.036	1.142	1.096	1.088	9.60
75) P	1,1,2,2-Tetrachlo	1.270	1.036	0.882	0.814	0.839	0.803	0.940	19.39
76) T	1,2,3-Trichloropr	0.993	0.862	0.759	0.771	0.732	0.695	0.802	13.60
77) T	Bromobenzene	1.384	1.126	1.042	0.969	1.017	0.959	1.083	14.71
78) T	n-propylbenzene	4.802	4.643	4.617	4.478	4.659	4.188	4.565	4.63
79) T	2-Chlorotoluene	3.513	3.004	2.841	2.666	2.743	2.567	2.889	11.79
80) T	1,3,5-Trimethylbe	3.288	3.368	3.426	3.262	3.365	3.150	3.310	2.97
81) T	trans-1,4-Dichlor	0.251	0.221	0.212	0.226	0.255	0.252	0.236	7.92
82) T	4-Chlorotoluene	3.363	2.989	2.868	2.728	2.825	2.654	2.905	8.69
83) T	tert-Butylbenzene	3.010	2.989	2.826	2.706	2.872	2.655	2.843	5.09
84) T	1,2,4-Trimethylbe	3.390	3.421	3.481	3.357	3.493	3.262	3.401	2.52
85) T	sec-Butylbenzene	3.707	3.911	3.832	3.672	3.860	3.618	3.767	3.10
86) T	p-Isopropyltoluen	2.956	3.218	3.370	3.278	3.471	3.283	3.263	5.34
87) T	1,3-Dichlorobenze	2.690	1.982	1.850	1.790	1.885	1.798	1.999	17.28
88) T	1,4-Dichlorobenze	2.842	1.970	1.794	1.744	1.855	1.770	1.996	21.15
89) T	n-Butylbenzene	2.971	2.546	2.627	2.719	2.999	2.898	2.793	6.77
90) T	Hexachloroethane	0.393	0.315	0.314	0.320	0.362	0.352	0.343	9.37
91) T	1,2-Dichlorobenze	2.594	1.995	1.809	1.739	1.820	1.703	1.943	17.20
92) T	1,2-Dibromo-3-Chl	0.281	0.148	0.140	0.139	0.142	0.135	0.164	34.98
93) T	1,2,4-Trichlorobe	1.281	0.568	0.736	0.862	0.975	0.947	0.895	27.00
94) T	Hexachlorobutadie	0.905	0.665	0.570	0.531	0.553	0.500	0.621	24.18
95) T	Naphthalene	2.993	0.992	1.414	1.795	2.165	2.161	1.920	36.10
96) T	1,2,3-Trichlorobe	1.506	0.643	0.743	0.828	0.914	0.890	0.921	32.95

(#) = Out of Range