

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N120319W.M
 Title : SW846 8260
 Last Update : Tue Dec 03 16:37:42 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN059473.D 5 =VN059467.D 20 =VN059468.D
 50 =VN059469.D 100 =VN059470.D 150 =VN059471.D

	Compound	1	5	20	50	100	150	Avq	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.597	0.656	0.523	0.533	0.520	0.511	0.556	10.36
3) P	Chloromethane	0.891	0.768	0.708	0.725	0.696	0.687	0.746	10.29
4) C	Vinyl Chloride	0.510	0.494	0.412	0.405	0.425	0.439	0.447	9.86#
5) T	Bromomethane		0.307	0.246	0.249	0.267	0.290	0.272	9.70
6) T	Chloroethane	0.313	0.280	0.232	0.249	0.250	0.261	0.264	10.83
7) T	Trichlorofluorome	0.530	0.616	0.510	0.519	0.534	0.534	0.540	7.05
8) T	Diethyl Ether	0.375	0.371	0.333	0.342	0.347	0.345	0.352	4.80
9) T	1,1,2-Trichlorotr	0.560	0.579	0.510	0.517	0.518	0.498	0.531	5.99
10) T	Methyl Iodide		0.598	0.656	0.706	0.709	0.689	0.672	6.91
11) T	Tert butyl alcoho		0.130	0.109	0.113	0.116	0.118	0.117	7.02
12) CM	1,1-Dichloroethen	0.527	0.554	0.498	0.512	0.514	0.507	0.519	3.78#
13) T	Acrolein		0.104	0.092	0.105	0.102	0.106	0.102	5.30
14) T	Allyl chloride	1.123	1.046	0.968	0.995	1.007	0.988	1.021	5.50
15) T	Acrylonitrile	0.305	0.317	0.311	0.325	0.324	0.318	0.317	2.44
16) T	Acetone	0.755	0.388	0.360	0.343	0.348	0.340	0.422	38.85
17) T	Carbon Disulfide	2.267	1.791	1.635	1.668	1.648	1.608	1.770	14.23
18) T	Methyl Acetate	0.910	0.848	0.805	0.820	0.824	0.809	0.836	4.72
19) T	Methyl tert-butyl	1.719	1.823	1.726	1.766	1.798	1.772	1.768	2.27
20) T	Methylene Chlorid	0.879	0.703	0.600	0.599	0.580	0.573	0.656	18.15
21) T	trans-1,2-Dichlor	0.626	0.605	0.557	0.563	0.571	0.560	0.580	4.89
22) T	Diisopropyl ether	1.760	1.990	1.867	1.928	1.949	1.914	1.901	4.22
23) T	Vinyl Acetate	1.391	1.565	1.535	1.619	1.580	1.464	1.526	5.52
24) P	1,1-Dichloroethan	1.059	1.145	1.067	1.079	1.075	1.054	1.080	3.09
25) T	2-Butanone	0.518	0.474	0.446	0.460	0.473	0.462	0.472	5.27
26) T	2,2-Dichloropropa	0.973	0.986	0.903	0.921	0.924	0.897	0.934	3.95
27) T	cis-1,2-Dichloroe	0.675	0.668	0.618	0.633	0.640	0.632	0.644	3.48
28) T	Bromochloromethan	0.178	0.203	0.428	0.425	0.436	0.418	0.348	35.22
29) T	Tetrahydrofuran	0.308	0.305	0.283	0.296	0.298	0.292	0.297	3.09
30) C	Chloroform	1.074	1.114	1.010	1.018	1.025	1.015	1.043	4.04#
31) T	Cyclohexane		1.201	0.994	1.016	1.021	1.000	1.046	8.34
32) T	1,1,1-Trichloroet	0.976	0.925	0.879	0.888	0.895	0.876	0.906	4.24
33) S	1,2-Dichloroethan		0.625	0.597	0.623	0.621	0.640	0.621	2.50
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.310	0.294	0.316	0.316	0.321	0.311	3.42
36) T	1,1-Dichloroprope	0.524	0.543	0.496	0.523	0.527	0.510	0.520	3.07
37) T	Ethyl Acetate	0.635	0.583	0.547	0.586	0.576	0.559	0.581	5.19
38) T	Carbon Tetrachlor	0.494	0.515	0.484	0.510	0.509	0.491	0.500	2.46
39) T	Methylcyclohexane	0.594	0.634	0.597	0.645	0.651	0.636	0.626	3.93
40) TM	Benzene	1.461	1.619	1.493	1.557	1.536	1.475	1.524	3.90
41) T	Methacrylonitrile	0.236	0.206	0.239	0.248	0.247	0.237	0.236	6.50
42) TM	1,2-Dichloroethan	0.506	0.556	0.503	0.519	0.518	0.503	0.518	3.88
43) T	Isopropyl Acetate	0.756	0.870	0.840	0.902	0.915	0.903	0.864	6.92
44) TM	Trichloroethene	0.428	0.410	0.379	0.398	0.393	0.380	0.398	4.67
45) C	1,2-Dichloropropa	0.381	0.438	0.395	0.414	0.413	0.401	0.407	4.82#
46) T	Dibromomethane	0.243	0.263	0.250	0.256	0.258	0.251	0.253	2.82
47) T	Bromodichlorometh	0.476	0.525	0.493	0.518	0.524	0.513	0.508	3.86
48) T	Methyl methacryla	0.364	0.387	0.361	0.405	0.413	0.410	0.390	5.92
49) T	1,4-Dioxane	0.006	0.007	0.005	0.006	0.006	0.006	0.006	8.28
50) S	Toluene-d8		1.194	1.174	1.274	1.245	1.252	1.228	3.44
51) T	4-Methyl-2-Pentan	0.482	0.527	0.516	0.557	0.523	0.474	0.513	6.05
52) CM	Toluene	0.875	0.952	0.897	0.954	0.941	0.910	0.922	3.53#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.592	0.590	0.568	0.612	0.615	0.611	0.598	3.05
54) T	cis-1,3-Dichlorop	0.576	0.635	0.617	0.659	0.664	0.652	0.634	5.23
55) T	1,1,2-Trichloroet	0.344	0.385	0.354	0.375	0.364	0.357	0.363	4.08
56) T	Ethyl methacrylat	0.390	0.487	0.509	0.583	0.601	0.599	0.528	15.75
57) T	1,3-Dichloropropa	0.599	0.651	0.613	0.641	0.640	0.625	0.628	3.10
58) T	2-Chloroethyl Vin	0.115	0.136	0.157	0.188	0.206	0.212	0.169	23.19
59) T	2-Hexanone	0.350	0.381	0.386	0.424	0.402	0.374	0.386	6.46
60) T	Dibromochlorometh	0.353	0.390	0.376	0.400	0.406	0.402	0.388	5.14
61) T	1,2-Dibromoethane	0.359	0.372	0.363	0.390	0.387	0.382	0.375	3.46
62) S	4-Bromofluorobenz		0.377	0.406	0.457	0.445	0.460	0.429	8.42
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.470	0.454	0.409	0.410	0.411	0.398	0.425	6.86
65) PM	Chlorobenzene	1.162	1.123	1.049	1.090	1.083	1.051	1.093	3.95
66) T	1,1,1,2-Tetrachlo	0.357	0.412	0.387	0.402	0.404	0.394	0.393	4.95
67) C	Ethyl Benzene	1.841	1.973	1.869	2.000	1.961	1.845	1.915	3.70#
68) T	m/p-Xylenes	0.668	0.700	0.697	0.756	0.742	0.715	0.713	4.52
69) T	o-Xylene	0.637	0.673	0.661	0.712	0.700	0.690	0.679	4.03
70) T	Stvrene	0.973	0.986	1.047	1.155	1.183	1.158	1.084	8.61
71) P	Bromoform	0.272	0.290	0.296	0.322	0.331	0.326	0.306	7.69
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.232	4.216	3.896	4.026	3.969	3.720	4.010	4.87
74) T	N-amyl acetate	1.550	1.529	1.490	1.693	1.723	1.706	1.615	6.38
75) P	1,1,2,2-Tetrachlo	1.327	1.382	1.252	1.291	1.261	1.205	1.286	4.82
76) T	1,2,3-Trichloropr	1.486	1.342	1.176	1.146	1.133	1.175	1.243	11.36
77) T	Bromobenzene	1.147	1.067	0.948	0.968	0.957	0.925	1.002	8.60
78) T	n-propylbenzene	4.923	4.876	4.509	4.771	4.632	4.286	4.666	5.17
79) T	2-Chlorotoluene	3.041	3.013	2.689	2.772	2.734	2.628	2.813	6.15
80) T	1,3,5-Trimethylbe	3.416	3.482	3.265	3.412	3.349	3.182	3.351	3.30
81) T	trans-1,4-Dichlor		0.452	0.446	0.480	0.499	0.491	0.474	4.98
82) T	4-Chlorotoluene	3.263	3.001	2.713	2.868	2.837	2.730	2.902	7.08
83) T	tert-Butylbenzene	3.173	3.004	2.765	2.908	2.866	2.739	2.909	5.55
84) T	1,2,4-Trimethylbe	3.266	3.337	3.184	3.391	3.304	3.168	3.275	2.66
85) T	sec-Butylbenzene	3.920	4.023	3.746	3.943	3.861	3.643	3.856	3.62
86) T	p-Isopropyltoluen	3.557	3.470	3.320	3.548	3.503	3.334	3.455	3.02
87) T	1,3-Dichlorobenze	2.040	1.798	1.666	1.719	1.721	1.658	1.767	8.09
88) T	1,4-Dichlorobenze	2.167	1.812	1.646	1.717	1.701	1.647	1.782	11.12
89) T	n-Butylbenzene	3.400	2.913	2.858	3.134	3.211	3.059	3.096	6.43
90) T	Hexachloroethane	0.733	0.694	0.630	0.651	0.652	0.638	0.666	5.91
91) T	1,2-Dichlorobenze	1.908	1.757	1.623	1.669	1.622	1.583	1.694	7.14
92) T	1,2-Dibromo-3-Chl	0.447	0.326	0.253	0.257	0.268	0.265	0.303	25.03
93) T	1,2,4-Trichlorobe	1.266	0.930	0.887	0.950	1.099	1.072	1.034	13.60
94) T	Hexachlorobutadie	0.893	0.715	0.588	0.606	0.583	0.569	0.659	19.14
95) T	Naphthalene	4.879	2.379	2.290	2.506	3.046	2.933	3.006	32.16
96) T	1,2,3-Trichlorobe	1.684	0.996	0.885	0.927	1.088	1.068	1.108	26.42

(#) = Out of Range