

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N110119W.M
 Title : SW846 8260
 Last Update : Sat Nov 02 05:43:23 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN059051.D 5 =VN059052.D 20 =VN059053.D
 50 =VN059058.D 100 =VN059055.D 150 =VN059056.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.528	0.560	0.584	0.509	0.530	0.533	0.541	4.99
3) P	Chloromethane	0.801	0.761	0.760	0.676	0.706	0.695	0.733	6.55
4) C	Vinyl Chloride	0.719	0.746	0.744	0.665	0.696	0.699	0.712	4.39#
5) T	Bromomethane		0.491	0.437	0.386	0.390	0.399	0.421	10.57
6) T	Chloroethane	0.508	0.449	0.453	0.390	0.405	0.409	0.436	9.99
7) T	Trichlorofluorome	0.832	0.900	0.911	0.801	0.811	0.818	0.845	5.64
8) T	Diethyl Ether	0.310	0.342	0.344	0.319	0.331	0.334	0.330	3.97
9) T	1,1,2-Trichlorotr	0.510	0.514	0.524	0.475	0.482	0.485	0.498	4.04
10) T	Methyl Iodide		0.506	0.605	0.592	0.643	0.683	0.606	10.93
11) T	Tert butyl alcoho		0.134	0.118	0.117	0.127	0.118	0.123	6.25
12) CM	1,1-Dichloroethen	0.513	0.507	0.517	0.466	0.482	0.488	0.496	4.02#
13) T	Acrolein		0.063	0.073	0.078	0.085	0.089	0.077	13.25
14) T	Allyl chloride	1.036	0.911	1.015	0.945	0.986	1.000	0.982	4.72
15) T	Acrylonitrile	0.283	0.293	0.324	0.300	0.320	0.325	0.307	5.82
16) T	Acetone	0.318	0.325	0.380	0.332	0.333	0.324	0.335	6.71
17) T	Carbon Disulfide	1.716	1.595	1.609	1.465	1.523	1.546	1.576	5.45
18) T	Methyl Acetate	1.050	0.848	0.840	0.757	0.792	0.809	0.849	12.21
19) T	Methyl tert-butyl	1.691	1.636	1.758	1.632	1.697	1.713	1.688	2.83
20) T	Methylene Chlorid	0.641	0.613	0.593	0.542	0.563	0.570	0.587	6.14
21) T	trans-1,2-Dichlor	0.541	0.548	0.543	0.505	0.525	0.530	0.532	2.94
22) T	Diisopropyl ether	1.668	1.875	2.002	1.852	1.905	1.923	1.871	5.98
23) T	Vinyl Acetate	1.333	1.499	1.674	1.560	1.514	1.360	1.490	8.56
24) P	1,1-Dichloroethan	1.097	1.119	1.119	1.007	1.035	1.039	1.069	4.51
25) T	2-Butanone	0.410	0.431	0.473	0.445	0.464	0.456	0.446	5.20
26) T	2,2-Dichloropropa	1.029	0.975	0.959	0.864	0.873	0.869	0.928	7.48
27) T	cis-1,2-Dichloroe	0.590	0.605	0.619	0.578	0.597	0.606	0.599	2.32
28) T	Bromochloromethan	0.392	0.362	0.310	0.310	0.303	0.303	0.330	11.46
29) T	Tetrahydrofuran	0.248	0.275	0.302	0.278	0.294	0.294	0.282	6.91
30) C	Chloroform	1.119	1.034	1.060	0.958	0.981	0.984	1.023	5.89#
31) T	Cyclohexane		1.142	1.031	0.947	0.980	1.000	1.020	7.35
32) T	1,1,1-Trichloroet	0.848	0.899	0.911	0.830	0.854	0.850	0.865	3.71
33) S	1,2-Dichloroethan		0.649	0.751	0.659	0.625	0.627	0.662	7.79
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.319	0.354	0.323	0.312	0.305	0.323	5.83
36) T	1,1-Dichloroprope	0.479	0.500	0.520	0.478	0.503	0.502	0.497	3.21
37) T	Ethyl Acetate	0.511	0.538	0.596	0.542	0.566	0.560	0.552	5.22
38) T	Carbon Tetrachlor	0.464	0.502	0.506	0.469	0.486	0.479	0.484	3.55
39) T	Methylcyclohexane	0.490	0.561	0.591	0.580	0.612	0.612	0.574	7.92
40) TM	Benzene	1.436	1.521	1.547	1.426	1.475	1.445	1.475	3.35
41) T	Methacrylonitrile	0.216	0.205	0.224	0.247	0.270	0.270	0.239	11.71
42) TM	1,2-Dichloroethan	0.499	0.533	0.549	0.485	0.505	0.501	0.512	4.66
43) T	Isopropyl Acetate	0.756	0.854	0.895	0.859	0.910	0.906	0.863	6.66
44) TM	Trichloroethene	0.373	0.367	0.375	0.346	0.359	0.356	0.363	3.01
45) C	1,2-Dichloropropa	0.379	0.406	0.421	0.386	0.401	0.399	0.399	3.68#
46) T	Dibromomethane	0.230	0.258	0.265	0.235	0.248	0.243	0.247	5.37
47) T	Bromodichlorometh	0.466	0.505	0.529	0.482	0.509	0.504	0.499	4.42
48) T	Methyl methacryla	0.357	0.368	0.396	0.392	0.426	0.424	0.394	7.20
49) T	1,4-Dioxane	0.005	0.006	0.006	0.007	0.008	0.006	0.006	13.63
50) S	Toluene-d8		1.163	1.373	1.298	1.245	1.201	1.256	6.57
51) T	4-Methyl-2-Pentan	0.439	0.510	0.568	0.529	0.515	0.448	0.502	9.85
52) CM	Toluene	0.744	0.846	0.924	0.867	0.910	0.894	0.864	7.57#

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Compound		1	5	20	50	100	150	Avg	%RSD

53) T	t-1,3-Dichloropro	0.561	0.542	0.589	0.564	0.603	0.604	0.577	4.36
54) T	cis-1,3-Dichlorop	0.527	0.580	0.640	0.615	0.644	0.647	0.609	7.77
55) T	1,1,2-Trichloroet	0.340	0.360	0.370	0.337	0.354	0.351	0.352	3.57
56) T	Ethyl methacrylat	0.399	0.460	0.546	0.564	0.613	0.614	0.533	16.25
57) T	1,3-Dichloropropa	0.567	0.625	0.637	0.595	0.628	0.621	0.612	4.25
58) T	2-Chloroethyl Vin	0.162	0.178	0.218	0.201	0.246	0.239	0.207	15.98
59) T	2-Hexanone	0.304	0.368	0.423	0.409	0.417	0.367	0.381	11.80
60) T	Dibromochlorometh	0.355	0.361	0.396	0.373	0.396	0.395	0.379	4.92
61) T	1,2-Dibromoethane	0.318	0.346	0.375	0.353	0.374	0.373	0.357	6.31
62) S	4-Bromofluorobenz		0.381	0.476	0.472	0.466	0.463	0.451	8.84
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.372	0.352	0.362	0.329	0.340	0.341	0.349	4.52
65) PM	Chlorobenzene	1.048	1.047	1.046	0.982	1.020	1.015	1.026	2.56
66) T	1,1,1,2-Tetrachlo	0.370	0.374	0.393	0.365	0.379	0.384	0.378	2.67
67) C	Ethyl Benzene	1.605	1.773	1.893	1.822	1.836	1.730	1.776	5.67#
68) T	m/p-Xylenes	0.567	0.632	0.704	0.672	0.708	0.698	0.663	8.32
69) T	o-Xylene	0.537	0.608	0.660	0.641	0.675	0.680	0.633	8.58
70) T	Styrene	0.796	0.923	1.064	1.079	1.145	1.151	1.026	13.61
71) P	Bromoform	0.248	0.261	0.306	0.295	0.318	0.326	0.292	10.73
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.647	3.940	4.022	3.639	3.531	3.291	3.678	7.31
74) T	N-amyl acetate	1.391	1.550	1.737	1.673	1.735	1.732	1.636	8.56
75) P	1,1,2,2-Tetrachlo	1.427	1.455	1.380	1.206	1.202	1.192	1.310	9.43
76) T	1,2,3-Trichloropr	1.203	1.328	1.286	1.117	1.118	1.048	1.183	9.17
77) T	Bromobenzene	0.989	0.968	0.958	0.864	0.873	0.866	0.920	6.29
78) T	n-propylbenzene	4.231	4.469	4.653	4.349	4.134	3.725	4.260	7.48
79) T	2-Chlorotoluene	2.714	2.826	2.809	2.554	2.538	2.431	2.645	6.09
80) T	1,3,5-Trimethylbe	3.018	3.267	3.388	3.093	3.078	2.913	3.126	5.53
81) T	trans-1,4-Dichlor		0.447	0.474	0.457	0.459	0.471	0.462	2.39
82) T	4-Chlorotoluene	2.773	2.785	2.827	2.627	2.639	2.546	2.700	4.11
83) T	tert-Butylbenzene	2.504	2.787	2.845	2.593	2.643	2.561	2.656	5.02
84) T	1,2,4-Trimethylbe	2.568	3.189	3.388	3.113	3.075	2.893	3.038	9.24
85) T	sec-Butylbenzene	3.162	3.649	3.782	3.531	3.494	3.265	3.481	6.68
86) T	p-Isopropyltoluen	2.836	3.169	3.394	3.215	3.216	2.997	3.138	6.20
87) T	1,3-Dichlorobenze	1.714	1.669	1.686	1.552	1.593	1.591	1.634	3.91
88) T	1,4-Dichlorobenze	1.636	1.698	1.643	1.544	1.593	1.585	1.616	3.33
89) T	n-Butylbenzene	2.275	2.607	2.889	2.839	2.961	2.834	2.734	9.30
90) T	Hexachloroethane	0.637	0.673	0.643	0.589	0.601	0.600	0.624	5.21
91) T	1,2-Dichlorobenze	1.770	1.704	1.678	1.519	1.553	1.533	1.626	6.44
92) T	1,2-Dibromo-3-Chl	0.352	0.288	0.282	0.248	0.263	0.266	0.283	12.90
93) T	1,2,4-Trichlorobe	0.801	0.716	0.857	0.877	0.978	1.033	0.877	13.16
94) T	Hexachlorobutadie	0.538	0.570	0.554	0.496	0.500	0.500	0.526	6.10
95) T	Naphthalene	2.189	1.767	2.346	2.451	2.845	2.871	2.412	17.30
96) T	1,2,3-Trichlorobe	0.904	0.749	0.880	0.855	0.967	1.001	0.893	9.95

(#) = Out of Range