

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N112719W.M
 Title : SW846 8260
 Last Update : Wed Nov 27 16:56:05 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN059425.D 5 =VN059419.D 20 =VN059420.D
 50 =VN059426.D 100 =VN059422.D 150 =VN059423.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.502	0.566	0.655	0.615	0.549	0.644	0.588	10.14
3) P	Chloromethane	0.691	0.715	0.787	0.725	0.635	0.760	0.719	7.39
4) C	Vinyl Chloride	0.645	0.694	0.739	0.697	0.624	0.745	0.691	7.03#
5) T	Bromomethane		0.447	0.428	0.408	0.358	0.438	0.416	8.54
6) T	Chloroethane	0.358	0.400	0.416	0.390	0.349	0.411	0.387	7.19
7) T	Trichlorofluorome	0.799	0.838	0.879	0.812	0.736	0.873	0.823	6.43
8) T	Diethyl Ether	0.318	0.352	0.345	0.331	0.300	0.363	0.335	6.85
9) T	1,1,2-Trichlorotr	0.499	0.523	0.525	0.509	0.451	0.533	0.507	5.86
10) T	Methyl Iodide		0.558	0.683	0.679	0.632	0.747	0.660	10.63
11) T	Tert butyl alcoho		0.100	0.105	0.100	0.092	0.110	0.101	6.88
12) CM	1,1-Dichloroethen	0.460	0.497	0.527	0.503	0.450	0.541	0.496	7.21#
13) T	Acrolein		0.097	0.092	0.107	0.084	0.116	0.099	12.58
14) T	Allyl chloride	0.852	0.948	0.968	0.929	0.825	1.001	0.920	7.41
15) T	Acrylonitrile	0.225	0.288	0.309	0.283	0.269	0.323	0.283	12.14
16) T	Acetone	0.257	0.278	0.305	0.296	0.247	0.290	0.279	8.27
17) T	Carbon Disulfide	2.021	1.672	1.719	1.617	1.453	1.735	1.703	10.93
18) T	Methyl Acetate	0.806	0.797	0.787	0.709	0.665	0.796	0.760	7.71
19) T	Methyl tert-butyl	1.369	1.612	1.710	1.626	1.489	1.789	1.599	9.44
20) T	Methylene Chlorid	0.545	0.617	0.600	0.555	0.493	0.591	0.567	7.97
21) T	trans-1,2-Dichlor	0.510	0.553	0.574	0.544	0.486	0.578	0.541	6.71
22) T	Diisopropyl ether	1.448	1.731	1.841	1.761	1.581	1.900	1.710	9.84
23) T	Vinyl Acetate	1.132	1.384	1.527	1.442	1.317	1.478	1.380	10.27
24) P	1,1-Dichloroethan	0.868	1.026	1.061	0.998	0.888	1.065	0.984	8.73
25) T	2-Butanone	0.308	0.381	0.421	0.391	0.367	0.436	0.384	11.83
26) T	2,2-Dichloropropa	0.780	0.870	0.891	0.844	0.748	0.891	0.837	7.20
27) T	cis-1,2-Dichloroe	0.534	0.605	0.628	0.601	0.535	0.645	0.591	7.94
28) T	Bromochloromethan	0.155	0.186	0.421	0.424	0.426	0.428	0.340	38.74
29) T	Tetrahydrofuran	0.220	0.253	0.278	0.250	0.242	0.288	0.255	9.68
30) C	Chloroform	1.108	1.013	1.016	0.944	0.850	1.011	0.990	8.70#
31) T	Cyclohexane		1.086	1.010	0.949	0.857	1.030	0.987	8.83
32) T	1,1,1-Trichloroet	0.726	0.826	0.865	0.822	0.738	0.882	0.810	7.94
33) S	1,2-Dichloroethan		0.591	0.575	0.581	0.578	0.603	0.586	1.97
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.296	0.292	0.309	0.307	0.319	0.305	3.51
36) T	1,1-Dichloroprope	0.436	0.494	0.498	0.490	0.441	0.526	0.481	7.37
37) T	Ethyl Acetate	0.461	0.527	0.541	0.493	0.470	0.560	0.509	7.84
38) T	Carbon Tetrachlor	0.377	0.467	0.479	0.465	0.429	0.506	0.454	10.00
39) T	Methylcyclohexane	0.461	0.585	0.597	0.604	0.546	0.658	0.575	11.58
40) TM	Benzene	1.299	1.477	1.507	1.448	1.302	1.533	1.428	7.17
41) T	Methacrylonitrile	0.201	0.198	0.253	0.259	0.234	0.275	0.237	13.44
42) TM	1,2-Dichloroethan	0.401	0.454	0.482	0.464	0.419	0.496	0.453	8.04
43) T	Isopropyl Acetate	0.622	0.761	0.825	0.783	0.747	0.899	0.773	11.93
44) TM	Trichloroethene	0.339	0.364	0.383	0.374	0.331	0.392	0.364	6.68
45) C	1,2-Dichloropropa	0.324	0.382	0.397	0.385	0.344	0.409	0.373	8.72#
46) T	Dibromomethane	0.198	0.233	0.245	0.236	0.215	0.255	0.230	9.11
47) T	Bromodichlorometh	0.422	0.463	0.489	0.476	0.430	0.517	0.466	7.71
48) T	Methyl methacryla	0.291	0.317	0.359	0.346	0.337	0.407	0.343	11.53
49) T	1,4-Dioxane	0.004	0.004	0.005	0.006	0.005	0.006	0.005	14.07
50) S	Toluene-d8		1.198	1.164	1.236	1.213	1.257	1.214	2.95
51) T	4-Methyl-2-Pentan	0.360	0.436	0.509	0.467	0.440	0.478	0.448	11.38
52) CM	Toluene	0.752	0.857	0.890	0.883	0.791	0.945	0.853	8.23#

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Compound		1	5	20	50	100	150	Avg	%RSD

53) T	t-1,3-Dichloropro	0.448	0.513	0.565	0.560	0.509	0.618	0.536	10.97
54) T	cis-1,3-Dichlorop	0.454	0.564	0.614	0.616	0.551	0.670	0.578	12.85
55) T	1,1,2-Trichloroet	0.303	0.332	0.360	0.339	0.305	0.364	0.334	7.87
56) T	Ethyl methacrylat	0.336	0.430	0.517	0.527	0.499	0.613	0.487	19.40
57) T	1,3-Dichloropropa	0.498	0.585	0.614	0.591	0.534	0.640	0.577	9.03
58) T	2-Chloroethyl Vin	0.092	0.125	0.178	0.188	0.026	0.249	0.143	55.11
59) T	2-Hexanone	0.248	0.317	0.374	0.352	0.334	0.370	0.332	13.96
60) T	Dibromochlorometh	0.260	0.337	0.372	0.371	0.339	0.412	0.348	14.65
61) T	1,2-Dibromoethane	0.283	0.338	0.363	0.353	0.326	0.390	0.342	10.62
62) S	4-Bromofluorobenz		0.377	0.402	0.439	0.437	0.458	0.423	7.69
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.377	0.383	0.377	0.381	0.321	0.380	0.370	6.53
65) PM	Chlorobenzene	0.990	1.031	1.042	1.023	0.903	1.084	1.012	6.06
66) T	1,1,1,2-Tetrachlo	0.324	0.377	0.385	0.375	0.338	0.403	0.367	8.14
67) C	Ethyl Benzene	1.579	1.802	1.890	1.854	1.647	1.896	1.778	7.54#
68) T	m/p-Xylenes	0.572	0.646	0.708	0.692	0.624	0.740	0.664	9.29
69) T	o-Xylene	0.550	0.633	0.667	0.666	0.593	0.711	0.637	9.09
70) T	Styrene	0.753	0.909	1.061	1.081	0.988	1.195	0.998	15.36
71) P	Bromoform	0.208	0.269	0.294	0.293	0.278	0.335	0.280	14.84
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.633	3.944	3.857	3.749	3.246	3.796	3.704	6.69
74) T	N-amyl acetate	1.024	1.302	1.492	1.458	1.387	1.695	1.393	16.04
75) P	1,1,2,2-Tetrachlo	1.213	1.315	1.280	1.154	1.054	1.232	1.208	7.78
76) T	1,2,3-Trichloropr	1.230	1.225	1.155	1.055	0.966	1.157	1.131	9.08
77) T	Bromobenzene	0.885	0.970	0.938	0.903	0.788	0.958	0.907	7.34
78) T	n-propylbenzene	4.178	4.369	4.460	4.387	3.821	4.395	4.268	5.59
79) T	2-Chlorotoluene	2.533	2.680	2.646	2.557	2.224	2.672	2.552	6.73
80) T	1,3,5-Trimethylbe	2.938	3.262	3.284	3.177	2.762	3.259	3.114	6.89
81) T	trans-1,4-Dichlor		0.420	0.448	0.431	0.408	0.495	0.440	7.74
82) T	4-Chlorotoluene	2.613	2.756	2.678	2.629	2.317	2.762	2.626	6.23
83) T	tert-Butylbenzene	2.589	2.868	2.775	2.659	2.342	2.809	2.674	7.17
84) T	1,2,4-Trimethylbe	2.810	3.135	3.210	3.153	2.740	3.253	3.050	7.16
85) T	sec-Butylbenzene	3.288	3.731	3.712	3.641	3.183	3.747	3.550	7.00
86) T	p-Isopropyltoluen	3.115	3.203	3.320	3.292	2.916	3.412	3.210	5.48
87) T	1,3-Dichlorobenze	1.599	1.638	1.655	1.608	1.427	1.715	1.607	6.07
88) T	1,4-Dichlorobenze	1.707	1.621	1.635	1.592	1.422	1.705	1.613	6.47
89) T	n-Butylbenzene	2.661	2.649	2.848	2.885	2.665	3.127	2.806	6.70
90) T	Hexachloroethane	0.631	0.656	0.620	0.594	0.531	0.648	0.613	7.49
91) T	1,2-Dichlorobenze	1.694	1.586	1.622	1.560	1.366	1.621	1.575	7.10
92) T	1,2-Dibromo-3-Chl	0.404	0.263	0.261	0.225	0.221	0.271	0.274	24.41
93) T	1,2,4-Trichlorobe	1.157	0.816	0.906	0.939	0.924	1.132	0.979	13.86
94) T	Hexachlorobutadie	0.749	0.616	0.599	0.564	0.495	0.575	0.600	14.03
95) T	Naphthalene	4.146	2.061	2.386	2.334	2.520	3.147	2.766	27.71
96) T	1,2,3-Trichlorobe	1.492	0.881	0.931	0.922	0.907	1.124	1.043	22.68

(#) = Out of Range