

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N102318W.M
 Title : SW846 8260
 Last Update : Wed Oct 24 10:12:55 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN051959.D 5 =VN051960.D 20 =VN051961.D
 50 =VN051962.D 100 =VN051963.D 150 =VN051964.D

	Compound	1	5	20	50	100	150	Avq	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.335	0.354	0.302	0.309	0.304	0.300	0.317	6.93
3) P	Chloromethane	0.299	0.320	0.281	0.279	0.272	0.263	0.286	7.17
4) C	Vinyl Chloride	0.423	0.415	0.366	0.375	0.370	0.349	0.383	7.67#
5) T	Bromomethane	0.393	0.367	0.343	0.380	0.365	0.351	0.367	4.92
6) T	Chloroethane	0.321	0.296	0.275	0.282	0.277	0.255	0.284	7.90
7) T	Trichlorofluorome	0.703	0.731	0.661	0.673	0.654	0.672	0.682	4.31
8) T	Diethyl Ether	0.214	0.214	0.199	0.205	0.200	0.186	0.203	5.19
9) T	1,1,2-Trichlorotr	0.436	0.456	0.392	0.402	0.393	0.373	0.409	7.57
10) T	Methyl Iodide		0.545	0.573	0.626	0.639	0.641	0.605	7.14
11) T	Tert butyl alcoho		0.023	0.022	0.023	0.025	0.021	0.023	6.00
12) CM	1,1-Dichloroethen	0.363	0.392	0.358	0.371	0.362	0.350	0.366	3.94#
13) T	Acrolein		0.005	0.012	0.012	0.014	0.015	0.012	36.12
14) T	Allyl chloride	0.474	0.354	0.370	0.392	0.364	0.370	0.387	11.40
15) T	Acrylonitrile	0.090	0.097	0.099	0.101	0.104	0.092	0.097	5.49
16) T	Acetone	0.090	0.071	0.070	0.073	0.073	0.063	0.073	12.10
17) T	Carbon Disulfide	0.903	0.839	0.786	0.884	0.915	0.895	0.870	5.62
18) T	Methyl Acetate	0.378	0.243	0.226	0.232	0.235	0.207	0.254	24.44
19) T	Methyl tert-butyl	0.945	1.008	0.986	1.012	1.015	0.932	0.983	3.69
20) T	Methylene Chlorid	0.521	0.440	0.408	0.422	0.404	0.388	0.430	11.06
21) T	trans-1,2-Dichlor	0.417	0.430	0.397	0.422	0.416	0.406	0.415	2.80
22) T	Diisopropyl ether	0.897	0.890	0.879	0.910	0.890	0.850	0.886	2.33
23) T	Vinyl Acetate	0.545	0.600	0.594	0.637	0.647	0.594	0.603	6.04
24) P	1,1-Dichloroethan	0.656	0.677	0.643	0.657	0.642	0.607	0.647	3.62
25) T	2-Butanone	0.086	0.110	0.109	0.111	0.114	0.098	0.105	9.98
26) T	2,2-Dichloropropa	0.579	0.601	0.570	0.618	0.607	0.576	0.592	3.31
27) T	cis-1,2-Dichloroe	0.448	0.507	0.478	0.497	0.497	0.478	0.484	4.37
28) T	Bromochloromethan	0.210	0.266	0.282	0.281	0.269	0.257	0.261	10.26
29) T	Tetrahydrofuran	0.081	0.072	0.068	0.070	0.073	0.062	0.071	9.24
30) C	Chloroform	0.813	0.804	0.776	0.807	0.790	0.750	0.790	3.03#
31) T	Cyclohexane	1.386	0.701	0.541	0.540	0.519	0.494	0.697	49.58
32) T	1,1,1-Trichloroet	0.705	0.723	0.693	0.750	0.747	0.716	0.722	3.13
33) S	1,2-Dichloroethan		0.452	0.458	0.460	0.438	0.419	0.445	3.81

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.316	0.317	0.324	0.317	0.322	0.319	1.12
36) T	1,1-Dichloroprope	0.396	0.405	0.361	0.387	0.382	0.369	0.384	4.29
37) T	Ethyl Acetate	0.098	0.189	0.176	0.178	0.181	0.160	0.164	20.46
38) T	Carbon Tetrachlor	0.407	0.439	0.411	0.457	0.466	0.461	0.440	5.84
39) T	Methylcyclohexane	0.441	0.498	0.448	0.479	0.479	0.466	0.468	4.56
40) TM	Benzene	1.093	1.191	1.129	1.167	1.146	1.108	1.139	3.23
41) T	Methacrylonitrile	0.098	0.082	0.082	0.085	0.093	0.077	0.086	9.33
42) TM	1,2-Dichloroethan	0.378	0.391	0.355	0.369	0.361	0.337	0.365	5.11
43) T	Isopropyl Acetate	0.305	0.318	0.318	0.332	0.346	0.309	0.321	4.74
44) TM	Trichloroethene	0.352	0.382	0.350	0.367	0.373	0.369	0.366	3.40
45) C	1,2-Dichloropropa	0.239	0.273	0.259	0.266	0.260	0.250	0.258	4.62#
46) T	Dibromomethane	0.203	0.210	0.209	0.212	0.212	0.199	0.208	2.52
47) T	Bromodichlorometh	0.376	0.373	0.381	0.410	0.412	0.402	0.392	4.49
48) T	Methyl methacryla	0.153	0.155	0.154	0.159	0.163	0.147	0.155	3.52
49) T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.003	0.003	0.003	12.00
50) S	Toluene-d8		1.110	1.125	1.179	1.162	1.189	1.153	2.99
51) T	4-Methyl-2-Pentan	0.173	0.173	0.177	0.182	0.190	0.165	0.177	4.80
52) CM	Toluene	0.692	0.779	0.755	0.809	0.809	0.790	0.772	5.71#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.273	0.320	0.345	0.397	0.417	0.403	0.359	15.67
54) T	cis-1,3-Dichlorop	0.334	0.383	0.403	0.442	0.454	0.445	0.410	11.34
55) T	1,1,2-Trichloroet	0.270	0.289	0.280	0.294	0.297	0.281	0.285	3.57
56) T	Ethyl methacrylat	0.258	0.291	0.304	0.328	0.345	0.314	0.307	9.85
57) T	1,3-Dichloropropa	0.431	0.442	0.423	0.441	0.446	0.416	0.433	2.78
58) T	2-Chloroethyl Vin	0.136	0.154	0.166	0.169	0.175	0.163	0.160	8.72
59) T	2-Hexanone	0.104	0.117	0.119	0.126	0.133	0.113	0.119	8.31
60) T	Dibromochlorometh	0.248	0.265	0.301	0.351	0.382	0.371	0.320	17.68
61) T	1,2-Dibromoethane	0.264	0.288	0.294	0.320	0.330	0.310	0.301	7.88
62) S	4-Bromofluorobenz		0.357	0.372	0.413	0.421	0.419	0.396	7.51
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.391	0.398	0.359	0.374	0.385	0.395	0.384	3.81
65) PM	Chlorobenzene	1.008	1.024	0.980	1.025	1.015	1.005	1.010	1.64
66) T	1,1,1,2-Tetrachlo	0.322	0.344	0.346	0.383	0.390	0.391	0.363	8.06
67) C	Ethyl Benzene	1.560	1.641	1.579	1.673	1.657	1.626	1.623	2.74#
68) T	m/p-Xylenes	0.548	0.652	0.629	0.689	0.696	0.676	0.648	8.46
69) T	o-Xylene	0.555	0.617	0.616	0.667	0.669	0.658	0.631	6.94
70) T	Styrene	0.807	0.966	0.985	1.082	1.110	1.097	1.008	11.42
71) P	Bromoform	0.148	0.171	0.196	0.243	0.286	0.284	0.221	26.40
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.220	3.446	3.191	3.153	3.032	2.985	3.171	5.14
74) T	N-amyl acetate	0.719	0.635	0.622	0.605	0.606	0.557	0.624	8.60
75) P	1,1,2,2-Tetrachlo	0.654	0.753	0.687	0.639	0.627	0.571	0.655	9.38
76) T	1,2,3-Trichloropr	0.519	0.566	0.574	0.504	0.489	0.447	0.516	9.26
77) T	Bromobenzene	0.835	0.938	0.863	0.862	0.874	0.879	0.875	3.94
78) T	n-propylbenzene	3.317	3.742	3.483	3.420	3.306	3.256	3.421	5.21
79) T	2-Chlorotoluene	1.986	2.197	2.063	1.973	1.885	1.848	1.992	6.34
80) T	1,3,5-Trimethylbe	2.281	2.736	2.611	2.612	2.537	2.487	2.544	6.04
81) T	trans-1,4-Dichlor	0.090	0.126	0.134	0.154	0.169	0.163	0.139	20.99
82) T	4-Chlorotoluene	2.020	2.272	2.087	2.065	1.995	1.936	2.062	5.61
83) T	tert-Butylbenzene	2.327	2.625	2.389	2.448	2.368	2.279	2.406	5.05
84) T	1,2,4-Trimethylbe	2.430	2.805	2.688	2.692	2.608	2.522	2.624	5.10
85) T	sec-Butylbenzene	2.951	3.437	3.167	3.206	3.081	3.015	3.143	5.48
86) T	p-Isopropyltoluen	2.486	2.974	2.865	2.925	2.879	2.846	2.829	6.17
87) T	1,3-Dichlorobenze	1.593	1.701	1.548	1.615	1.624	1.604	1.614	3.10
88) T	1,4-Dichlorobenze	1.535	1.660	1.529	1.626	1.611	1.587	1.591	3.24
89) T	n-Butylbenzene	2.015	2.435	2.254	2.298	2.271	2.243	2.253	6.03
90) T	Hexachloroethane	0.374	0.404	0.402	0.440	0.453	0.455	0.422	7.79
91) T	1,2-Dichlorobenze	1.538	1.610	1.551	1.586	1.554	1.530	1.561	1.95
92) T	1,2-Dibromo-3-Chl	0.115	0.096	0.101	0.100	0.101	0.092	0.101	7.76
93) T	1,2,4-Trichlorobe	0.913	0.898	0.867	0.923	0.955	0.978	0.922	4.28
94) T	Hexachlorobutadie	0.508	0.501	0.456	0.448	0.462	0.469	0.474	5.20
95) T	Naphthalene	1.710	1.940	2.016	2.121	2.176	2.056	2.003	8.26
96) T	1,2,3-Trichlorobe	0.892	0.864	0.847	0.875	0.901	0.910	0.882	2.70

(#) = Out of Range