

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N082919W.M
 Title : SW846 8260
 Last Update : Fri Aug 30 11:59:03 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN057550.D 5 =VN057551.D 20 =VN057552.D
 50 =VN057553.D 100 =VN057554.D

	Compound	1	5	20	50	100	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.559	0.556	0.598	0.546	0.550	0.562	3.72
3) P	Chloromethane	0.648	0.589	0.562	0.522	0.484	0.561	11.20
4) C	Vinyl Chloride	0.876	0.876	0.858	0.796	0.732	0.828	7.58#
5) T	Bromomethane		0.806	0.718	0.691	0.637	0.713	9.90
6) T	Chloroethane	0.645	0.599	0.547	0.524	0.460	0.555	12.75
7) T	Trichlorofluorometh	1.789	1.828	1.822	1.651	1.503	1.719	8.17
8) T	Diethyl Ether	0.633	0.649	0.577	0.520	0.477	0.571	12.80
9) T	1,1,2-Trichlorotrif	1.011	1.100	1.067	0.968	0.887	1.007	8.36
10) T	Methyl Iodide		1.681	1.744	1.650	1.516	1.648	5.84
11) T	Tert butyl alcohol		0.093	0.082	0.075	0.073	0.081	11.50
12) CM	1,1-Dichloroethene	0.957	0.995	1.009	0.933	0.842	0.947	6.97#
13) T	Acrolein		0.084	0.072	0.065	0.056	0.069	17.00
14) T	Allyl chloride	0.642	0.765	0.734	0.680	0.646	0.693	7.83
15) T	Acrylonitrile	0.198	0.206	0.206	0.199	0.190	0.200	3.16
16) T	Acetone	0.339	0.371	0.338	0.331	0.276	0.331	10.43
17) T	Carbon Disulfide	1.428	1.307	1.307	1.228	1.205	1.295	6.77
18) T	Methyl Acetate	0.826	0.635	0.518	0.473	0.438	0.578	27.22
19) T	Methyl tert-butyl E	1.832	1.833	1.874	1.771	1.713	1.805	3.51
20) T	Methylene Chloride	0.725	0.655	0.595	0.550	0.540	0.613	12.61
21) T	trans-1,2-Dichloroe	0.592	0.632	0.603	0.567	0.569	0.593	4.53
22) T	Diisopropyl ether	1.554	1.599	1.630	1.525	1.464	1.555	4.16
23) T	Vinyl Acetate	1.096	1.300	1.307	1.248	1.122	1.215	8.21
24) P	1,1-Dichloroethane	1.009	1.108	1.048	0.989	0.965	1.024	5.48
25) T	2-Butanone	0.258	0.271	0.274	0.260	0.242	0.261	4.86
26) T	2,2-Dichloropropane	1.046	1.101	1.065	1.029	0.985	1.045	4.08
27) T	cis-1,2-Dichloroeth	0.710	0.763	0.725	0.701	0.689	0.718	3.98
28) T	Bromochloromethane	0.359	0.474	0.474	0.429	0.416	0.430	11.07
29) T	Tetrahydrofuran	0.169	0.166	0.171	0.158	0.151	0.163	5.19
30) C	Chloroform	1.375	1.322	1.257	1.208	1.189	1.270	6.15#
31) T	Cyclohexane		1.136	0.958	0.876	0.833	0.951	14.07
32) T	1,1,1-Trichloroetha	1.066	1.149	1.161	1.138	1.132	1.129	3.29
33) S	1,2-Dichloroethane-	0.947	0.801	0.815	0.788	0.741	0.818	9.41

34) I	1,4-Difluorobenzene	-----ISTD-----						
35) S	Dibromofluoromethan	0.498	0.462	0.423	0.437	0.414	0.447	7.59
36) T	1,1-Dichloropropene	0.511	0.546	0.561	0.548	0.539	0.541	3.41
37) T	Ethyl Acetate	0.414	0.337	0.364	0.353	0.324	0.358	9.64
38) T	Carbon Tetrachlorid	0.626	0.620	0.629	0.647	0.640	0.633	1.72
39) T	Methylcyclohexane	0.640	0.700	0.703	0.705	0.693	0.688	3.95
40) TM	Benzene	1.625	1.676	1.701	1.670	1.610	1.656	2.28
41) T	Methacrylonitrile	0.243	0.176	0.150	0.148	0.170	0.178	21.90
42) TM	1,2-Dichloroethane	0.598	0.601	0.606	0.588	0.555	0.590	3.45
43) T	Isopropyl Acetate	0.705	0.656	0.686	0.670	0.626	0.669	4.47
44) TM	Trichloroethene	0.423	0.470	0.462	0.462	0.469	0.457	4.30
45) C	1,2-Dichloropropane	0.392	0.379	0.402	0.389	0.374	0.387	2.92#
46) T	Dibromomethane	0.303	0.298	0.313	0.305	0.299	0.304	1.98
47) T	Bromodichloromethan	0.604	0.614	0.644	0.639	0.628	0.626	2.70
48) T	Methyl methacrylate	0.343	0.335	0.307	0.309	0.286	0.316	7.33
49) T	1,4-Dioxane	0.005	0.006	0.006	0.006	0.006	0.006	7.52
50) S	Toluene-d8	1.559	1.409	1.592	1.735	1.608	1.581	7.40
51) T	4-Methyl-2-Pentanon	0.331	0.374	0.378	0.372	0.333	0.357	6.53
52) CM	Toluene	0.970	1.029	1.108	1.135	1.124	1.073	6.61#

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	Compound	1	5	20	50	100	Avg	%RSD
53) T	t-1,3-Dichloroprope	0.550	0.572	0.606	0.649	0.646	0.605	7.27
54) T	cis-1,3-Dichloropro	0.593	0.624	0.671	0.695	0.693	0.655	6.86
55) T	1,1,2-Trichloroetha	0.374	0.401	0.428	0.436	0.425	0.413	6.15
56) T	Ethyl methacrylate	0.492	0.527	0.565	0.583	0.579	0.549	7.05
57) T	1,3-Dichloropropane	0.630	0.656	0.669	0.680	0.661	0.659	2.82
58) T	2-Chloroethyl Vinyl	0.098	0.116	0.122	0.151	0.159	0.129	19.57
59) T	2-Hexanone	0.234	0.242	0.257	0.260	0.241	0.247	4.65
60) T	Dibromochloromethan	0.388	0.428	0.479	0.521	0.537	0.471	13.33
61) T	1,2-Dibromoethane	0.387	0.400	0.444	0.465	0.463	0.432	8.36
62) S	4-Bromofluorobenzen	0.506	0.475	0.496	0.588	0.587	0.531	10.04
63) I	Chlorobenzene-d5	-----ISTD-----						
64) T	Tetrachloroethene	0.539	0.548	0.525	0.476	0.479	0.514	6.64
65) PM	Chlorobenzene	1.144	1.264	1.315	1.265	1.288	1.255	5.22
66) T	1,1,1,2-Tetrachloro	0.459	0.494	0.507	0.501	0.514	0.495	4.35
67) C	Ethyl Benzene	2.095	2.254	2.387	2.286	1.997	2.204	7.07#
68) T	m/p-Xylenes	0.727	0.816	0.884	0.890	0.880	0.839	8.28
69) T	o-Xylene	0.774	0.816	0.884	0.860	0.880	0.843	5.60
70) T	Stvrene	0.986	1.165	1.354	1.412	1.445	1.272	15.18
71) P	Bromoform	0.270	0.302	0.342	0.356	0.382	0.330	13.52
72) I	1,4-Dichlorobenzene-d	-----ISTD-----						
73) T	Isopropylbenzene	6.602	6.322	5.394	4.602	3.694	5.323	22.65
74) T	N-amyl acetate	1.596	1.622	1.356	1.109	1.015	1.339	20.59
75) P	1,1,2,2-Tetrachloro	1.561	1.520	1.330	1.095	0.966	1.294	20.10
76) T	1,2,3-Trichloroprop	1.526	1.548	1.112	0.932	0.882	1.200	26.61
77) T	Bromobenzene	1.416	1.400	1.201	1.097	1.054	1.233	13.62
78) T	n-propylbenzene	6.065	6.204	5.424	4.915	3.821	5.286	18.32
79) T	2-Chlorotoluene	3.935	3.669	3.322	2.919	2.616	3.292	16.30
80) T	1,3,5-Trimethylbenz	4.396	4.886	4.390	3.985	3.277	4.187	14.34
81) T	trans-1,4-Dichloro-		0.374	0.337	0.323	0.295	0.333	9.94
82) T	4-Chlorotoluene	3.265	3.323	3.135	2.896	2.655	3.055	9.08
83) T	tert-Butylbenzene	4.898	4.737	3.842	3.428	3.002	3.981	20.62
84) T	1,2,4-Trimethylbenz	3.653	4.216	4.186	3.888	3.204	3.829	10.94
85) T	sec-Butylbenzene	4.857	5.311	4.826	4.453	3.563	4.602	14.25
86) T	p-Isopropyltoluene	3.730	4.473	4.181	4.012	3.382	3.956	10.59
87) T	1,3-Dichlorobenzene	1.696	1.758	1.838	1.830	1.834	1.791	3.50
88) T	1,4-Dichlorobenzene	1.555	1.740	1.767	1.740	1.787	1.718	5.44
89) T	n-Butylbenzene	2.769	3.227	3.131	3.081	2.775	2.997	7.07
90) T	Hexachloroethane	1.038	0.901	0.811	0.730	0.683	0.832	17.04
91) T	1,2-Dichlorobenzene	1.444	1.584	1.834	1.764	1.734	1.672	9.38
92) T	1,2-Dibromo-3-Chlor	0.175	0.216	0.200	0.179	0.168	0.188	10.58
93) T	1,2,4-Trichlorobenz	0.436	0.445	0.499	0.614	0.745	0.548	23.97
94) T	Hexachlorobutadiene	0.543	0.656	0.584	0.502	0.470	0.551	13.21
95) T	Naphthalene	1.510	1.372	1.476	1.792	2.121	1.654	18.36
96) T	1,2,3-Trichlorobenz	0.559	0.446	0.491	0.595	0.734	0.565	19.61

(#) = Out of Range