

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N040419W.M
 Title : SW846 8260
 Last Update : Fri Apr 05 02:23:47 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN054936.D 5 =VN054937.D 20 =VN054938.D
 50 =VN054939.D 100 =VN054940.D 150 =VN054941.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.545	0.600	0.633	0.617	0.607	0.584	0.598	5.13
3) P	Chloromethane	0.864	0.781	0.796	0.798	0.762	0.742	0.790	5.28
4) C	Vinyl Chloride	0.718	0.712	0.699	0.703	0.668	0.644	0.691	4.16#
5) T	Bromomethane	0.465	0.388	0.384	0.389	0.374	0.365	0.394	9.12
6) T	Chloroethane	0.434	0.404	0.392	0.376	0.358	0.349	0.385	8.13
7) T	Trichlorofluorome	0.893	0.859	0.857	0.845	0.801	0.777	0.839	5.08
8) T	Diethyl Ether	0.303	0.269	0.267	0.266	0.253	0.245	0.267	7.53
9) T	1,1,2-Trichlorotr	0.492	0.472	0.452	0.442	0.411	0.398	0.444	8.08
10) T	Methyl Iodide		0.597	0.625	0.651	0.633	0.625	0.626	3.12
11) T	Tert butyl alcoho		0.034	0.036	0.033	0.033	0.034	0.034	3.00
12) CM	1,1-Dichloroethen	0.508	0.464	0.433	0.436	0.409	0.395	0.441	9.21#
13) T	Acrolein		0.024	0.053	0.052	0.053	0.052	0.047	27.63
14) T	Allyl chloride	0.883	0.949	0.990	1.024	1.021	1.003	0.978	5.51
15) T	Acrylonitrile	0.210	0.209	0.205	0.205	0.198	0.196	0.204	2.83
16) T	Acetone	0.260	0.168	0.206	0.189	0.160	0.150	0.189	21.38
17) T	Carbon Disulfide	1.433	1.326	1.340	1.435	1.435	1.448	1.403	3.88
18) T	Methyl Acetate	0.650	0.566	0.439	0.442	0.426	0.420	0.491	19.40
19) T	Methyl tert-butyl	1.475	1.449	1.423	1.454	1.391	1.384	1.430	2.54
20) T	Methylene Chlorid	0.704	0.647	0.596	0.592	0.573	0.558	0.612	8.90
21) T	trans-1,2-Dichlor	0.571	0.555	0.552	0.562	0.537	0.526	0.550	3.02
22) T	Diisopropyl ether	1.899	2.062	2.025	2.083	2.013	1.972	2.009	3.31
23) T	Vinyl Acetate	1.246	1.284	1.418	1.493	1.481	1.468	1.398	7.66
24) P	1,1-Dichloroethan	1.177	1.103	1.091	1.105	1.057	1.040	1.096	4.37
25) T	2-Butanone	0.206	0.241	0.268	0.267	0.255	0.248	0.248	9.32
26) T	2,2-Dichloropropa	0.790	0.773	0.745	0.769	0.772	0.759	0.768	1.96
27) T	cis-1,2-Dichloroe	0.626	0.637	0.629	0.635	0.617	0.603	0.624	2.07
28) T	Bromochloromethan	0.576	0.526	0.493	0.511	0.489	0.485	0.513	6.64
29) T	Tetrahydrofuran	0.164	0.159	0.165	0.166	0.160	0.158	0.162	2.14
30) C	Chloroform	1.053	1.091	1.035	1.054	1.008	0.989	1.038	3.50#
31) T	Cyclohexane	2.120	1.201	1.082	1.060	1.037	1.007	1.251	34.45
32) T	1,1,1-Trichloroet	0.937	0.873	0.863	0.878	0.856	0.851	0.876	3.59
33) S	1,2-Dichloroethan		0.666	0.662	0.676	0.652	0.640	0.659	2.06
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.317	0.323	0.335	0.327	0.325	0.325	2.07
36) T	1,1-Dichloroprope	0.520	0.478	0.484	0.499	0.499	0.492	0.495	2.98
37) T	Ethyl Acetate	0.318	0.343	0.344	0.350	0.344	0.341	0.340	3.35
38) T	Carbon Tetrachlor	0.549	0.468	0.450	0.474	0.465	0.465	0.478	7.44
39) T	Methylcyclohexane	0.494	0.534	0.558	0.566	0.564	0.555	0.545	5.03
40) TM	Benzene	1.356	1.412	1.446	1.469	1.443	1.427	1.426	2.76
41) T	Methacrylonitrile	0.211	0.184	0.173	0.199	0.200	0.200	0.194	6.90
42) TM	1,2-Dichloroethan	0.511	0.510	0.504	0.508	0.490	0.483	0.501	2.31
43) T	Isopropyl Acetate	0.526	0.528	0.583	0.596	0.600	0.605	0.573	6.38
44) TM	Trichloroethene	0.340	0.367	0.372	0.373	0.370	0.365	0.365	3.45
45) C	1,2-Dichloropropa	0.366	0.413	0.404	0.408	0.398	0.395	0.397	4.21#
46) T	Dibromomethane	0.216	0.229	0.236	0.229	0.223	0.219	0.225	3.27
47) T	Bromodichlorometh	0.456	0.450	0.467	0.490	0.488	0.488	0.473	3.82
48) T	Methyl methacryla	0.243	0.268	0.291	0.307	0.313	0.317	0.290	10.11
49) T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.003	0.003	0.003	9.01
50) S	Toluene-d8		1.165	1.230	1.260	1.271	1.249	1.235	3.38
51) T	4-Methyl-2-Pentan	0.285	0.305	0.327	0.335	0.334	0.332	0.320	6.35
52) CM	Toluene	0.751	0.816	0.863	0.886	0.866	0.860	0.840	5.88#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.350	0.368	0.425	0.473	0.498	0.506	0.437	15.28
54) T	cis-1,3-Dichlorop	0.420	0.491	0.538	0.571	0.585	0.590	0.532	12.46
55) T	1,1,2-Trichloroet	0.300	0.296	0.309	0.317	0.306	0.300	0.305	2.56
56) T	Ethyl methacrylat	0.337	0.359	0.392	0.429	0.434	0.439	0.398	10.81
57) T	1,3-Dichloropropa	0.495	0.518	0.547	0.550	0.541	0.541	0.532	4.03
58) T	2-Chloroethyl Vin	0.118	0.136	0.158	0.169	0.180	0.183	0.157	16.38
59) T	2-Hexanone	0.155	0.189	0.210	0.215	0.213	0.216	0.200	12.06
60) T	Dibromochlorometh	0.253	0.305	0.318	0.341	0.349	0.349	0.319	11.58
61) T	1,2-Dibromoethane	0.209	0.287	0.304	0.305	0.309	0.306	0.286	13.57
62) S	4-Bromofluorobenz		0.359	0.399	0.424	0.437	0.441	0.412	8.18
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.443	0.408	0.426	0.398	0.379	0.364	0.403	7.28
65) PM	Chlorobenzene	1.024	1.005	1.022	1.045	1.021	0.998	1.019	1.61
66) T	1,1,1,2-Tetrachlo	0.337	0.368	0.380	0.388	0.388	0.379	0.373	5.12
67) C	Ethyl Benzene	1.718	1.818	1.864	1.903	1.870	1.852	1.838	3.51#
68) T	m/p-Xylenes	0.634	0.644	0.688	0.699	0.688	0.678	0.672	3.94
69) T	o-Xylene	0.605	0.658	0.662	0.683	0.665	0.658	0.655	4.03
70) T	Styrene	0.805	0.993	1.104	1.145	1.134	1.126	1.051	12.64
71) P	Bromoform	0.199	0.200	0.211	0.237	0.248	0.250	0.224	10.63
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.885	4.526	4.208	4.123	3.890	3.710	4.224	10.12
74) T	N-amyl acetate	0.909	1.211	1.208	1.262	1.229	1.224	1.174	11.16
75) P	1,1,2,2-Tetrachlo	1.318	1.118	1.019	0.983	0.912	0.875	1.037	15.57
76) T	1,2,3-Trichloropr	1.215	0.962	0.886	0.865	0.746	0.719	0.899	19.96
77) T	Bromobenzene	1.125	1.081	1.028	1.007	0.963	0.932	1.023	7.03
78) T	n-propylbenzene	5.138	4.725	4.696	4.623	4.443	4.296	4.653	6.19
79) T	2-Chlorotoluene	3.368	3.121	2.861	2.787	2.629	2.538	2.884	10.80
80) T	1,3,5-Trimethylbe	3.753	3.717	3.520	3.420	3.257	3.147	3.469	7.01
81) T	trans-1,4-Dichlor	0.197	0.186	0.208	0.222	0.241	0.244	0.216	10.82
82) T	4-Chlorotoluene	2.769	2.841	2.741	2.737	2.680	2.598	2.728	3.01
83) T	tert-Butylbenzene	3.437	3.089	2.963	2.863	2.724	2.629	2.951	9.81
84) T	1,2,4-Trimethylbe	3.428	3.478	3.441	3.397	3.246	3.148	3.356	3.87
85) T	sec-Butylbenzene	4.303	4.044	3.815	3.746	3.550	3.443	3.817	8.31
86) T	p-Isopropyltoluen	3.275	3.447	3.372	3.308	3.212	3.117	3.289	3.55
87) T	1,3-Dichlorobenze	1.797	1.732	1.699	1.710	1.662	1.609	1.702	3.73
88) T	1,4-Dichlorobenze	1.597	1.653	1.629	1.648	1.608	1.583	1.620	1.75
89) T	n-Butylbenzene	2.216	2.528	2.717	2.797	2.785	2.726	2.628	8.52
90) T	Hexachloroethane	0.566	0.552	0.525	0.561	0.559	0.551	0.552	2.68
91) T	1,2-Dichlorobenze	1.745	1.762	1.737	1.660	1.584	1.535	1.671	5.62
92) T	1,2-Dibromo-3-Chl	0.168	0.141	0.140	0.142	0.141	0.135	0.145	8.17
93) T	1,2,4-Trichlorobe	0.522	0.548	0.751	0.839	0.890	0.909	0.743	22.93
94) T	Hexachlorobutadie	0.635	0.658	0.563	0.522	0.494	0.480	0.559	13.20
95) T	Naphthalene	1.263	1.237	1.581	1.781	1.929	1.993	1.631	20.05
96) T	1,2,3-Trichlorobe	0.677	0.629	0.765	0.824	0.850	0.858	0.767	12.43

(#) = Out of Range