

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N101420W.M
 Title : SW846 8260
 Last Update : Wed Oct 14 16:55:30 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN064112.D 5 =VN064113.D 20 =VN064114.D
 50 =VN064115.D 100 =VN064116.D 150 =VN064117.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.427	0.479	0.524	0.475	0.456	0.466	0.471	6.74
3) P	Chloromethane	0.602	0.646	0.629	0.560	0.529	0.554	0.587	7.83
4) C	Vinyl Chloride	0.835	0.734	0.774	0.691	0.664	0.684	0.730	8.89#
5) T	Bromomethane	0.782	0.589	0.563	0.525	0.514	0.549	0.587	16.90
6) T	Chloroethane	0.670	0.633	0.622	0.540	0.502	0.516	0.581	12.03
7) T	Trichlorofluorome	1.023	1.104	1.057	0.956	0.924	0.964	1.005	6.82
8) T	Diethyl Ether	0.338	0.307	0.329	0.306	0.295	0.312	0.314	5.09
9) T	1,1,2-Trichlorotr	0.487	0.540	0.536	0.476	0.456	0.464	0.493	7.37
10) T	Methyl Iodide		0.645	0.720	0.690	0.678	0.743	0.695	5.49
11) T	Tert butyl alcoho		0.088	0.076	0.075	0.075	0.079	0.079	6.62
12) CM	1,1-Dichloroethen	0.501	0.547	0.533	0.475	0.458	0.474	0.498	7.14#
13) T	Acrolein		0.074	0.056	0.065	0.061	0.068	0.065	10.36
14) T	Allyl chloride	0.915	0.765	0.810	0.749	0.722	0.701	0.777	9.95
15) T	Acrylonitrile	0.230	0.220	0.241	0.223	0.216	0.229	0.226	4.01
16) T	Acetone	0.262	0.206	0.214	0.198	0.190	0.198	0.211	12.33
17) T	Carbon Disulfide	1.326	1.544	1.546	1.391	1.330	1.403	1.423	6.95
18) T	Methyl Acetate	0.671	0.517	0.521	0.491	0.478	0.501	0.530	13.40
19) T	Methyl tert-butyl	1.353	1.452	1.582	1.494	1.427	1.505	1.469	5.31
20) T	Methylene Chlorid	0.814	0.708	0.667	0.592	0.560	0.579	0.654	14.85
21) T	trans-1,2-Dichlor	0.556	0.596	0.609	0.553	0.525	0.549	0.565	5.55
22) T	Diisopropyl ether	1.299	1.480	1.690	1.544	1.491	1.553	1.509	8.46
23) T	Vinyl Acetate	1.090	1.300	1.495	1.426	1.380	1.400	1.348	10.50
24) P	1,1-Dichloroethan	1.067	1.101	1.164	1.020	0.971	1.001	1.054	6.75
25) T	2-Butanone	0.330	0.322	0.345	0.319	0.309	0.325	0.325	3.65
26) T	2,2-Dichloropropa	0.999	0.917	0.904	0.822	0.798	0.822	0.877	8.76
27) T	cis-1,2-Dichloroe	0.686	0.674	0.714	0.646	0.622	0.644	0.664	5.05
28) T	Bromochloromethan	0.565	0.543	0.442	0.467	0.487	0.508	0.502	9.26
29) T	Tetrahydrofuran	0.186	0.184	0.203	0.190	0.183	0.193	0.190	3.94
30) C	Chloroform	1.103	1.209	1.230	1.102	1.023	1.071	1.123	7.17#
31) T	Cyclohexane		0.946	0.811	0.736	0.710	0.734	0.787	12.29
32) T	1,1,1-Trichloroet	0.867	1.067	1.066	0.971	0.908	0.944	0.970	8.48
33) S	1,2-Dichloroethan		0.890	0.655	0.659	0.669	0.688	0.712	14.10
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.420	0.294	0.323	0.344	0.350	0.346	13.45
36) T	1,1-Dichloroprope	0.481	0.449	0.512	0.479	0.483	0.488	0.482	4.16
37) T	Ethyl Acetate	0.458	0.369	0.444	0.425	0.430	0.440	0.428	7.21
38) T	Carbon Tetrachlor	0.473	0.543	0.558	0.506	0.511	0.518	0.518	5.81
39) T	Methylcyclohexane	0.334	0.373	0.425	0.417	0.440	0.442	0.405	10.53
40) TM	Benzene	1.372	1.448	1.555	1.453	1.454	1.475	1.459	4.02
41) T	Methacrylonitrile	0.163	0.159	0.193	0.186	0.204	0.207	0.185	11.00
42) TM	1,2-Dichloroethan	0.479	0.524	0.563	0.526	0.510	0.514	0.519	5.28
43) T	Isopropyl Acetate	0.662	0.672	0.732	0.701	0.728	0.763	0.710	5.44
44) TM	Trichloroethene	0.328	0.401	0.413	0.383	0.386	0.391	0.384	7.68
45) C	1,2-Dichloropropa	0.349	0.410	0.403	0.376	0.374	0.382	0.382	5.73#
46) T	Dibromomethane	0.284	0.263	0.284	0.264	0.266	0.267	0.271	3.62
47) T	Bromodichlorometh	0.477	0.522	0.568	0.539	0.533	0.545	0.531	5.71
48) T	Methyl methacryla	0.280	0.274	0.352	0.341	0.352	0.368	0.328	12.32
49) T	1,4-Dioxane	0.005	0.005	0.005	0.005	0.005	0.005	0.005	4.70
50) S	Toluene-d8		1.449	1.128	1.237	1.353	1.362	1.306	9.54
51) T	4-Methyl-2-Pentan	0.364	0.392	0.457	0.430	0.438	0.438	0.420	8.30
52) CM	Toluene	0.707	0.880	0.956	0.929	0.948	0.960	0.897	10.85#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.429	0.513	0.571	0.563	0.585	0.606	0.545	11.84
54) T	cis-1,3-Dichlorop	0.528	0.565	0.630	0.604	0.620	0.642	0.598	7.25
55) T	1,1,2-Trichloroet	0.327	0.380	0.406	0.369	0.371	0.376	0.371	6.88
56) T	Ethyl methacrylat	0.315	0.406	0.505	0.505	0.535	0.566	0.472	19.91
57) T	1,3-Dichloropropa	0.552	0.598	0.662	0.612	0.618	0.628	0.612	5.94
58) T	2-Chloroethyl Vin	0.163	0.208	0.220	0.259	0.286	0.283	0.237	20.36
59) T	2-Hexanone	0.204	0.270	0.321	0.308	0.326	0.334	0.294	16.89
60) T	Dibromochlorometh	0.346	0.405	0.444	0.427	0.437	0.445	0.417	9.07
61) T	1,2-Dibromoethane	0.301	0.368	0.414	0.390	0.395	0.401	0.378	10.78
62) S	4-Bromofluorobenz		0.479	0.369	0.426	0.478	0.492	0.449	11.48
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.331	0.387	0.429	0.379	0.366	0.368	0.377	8.52
65) PM	Chlorobenzene	0.964	1.038	1.136	1.053	1.049	1.078	1.053	5.31
66) T	1,1,1,2-Tetrachlo	0.349	0.403	0.419	0.405	0.404	0.419	0.400	6.54
67) C	Ethyl Benzene	1.399	1.660	1.905	1.846	1.877	1.896	1.764	11.37#
68) T	m/p-Xylenes	0.433	0.603	0.733	0.708	0.721	0.746	0.657	18.43
69) T	o-Xylene	0.433	0.575	0.681	0.667	0.689	0.722	0.628	17.14
70) T	Styrene	0.676	0.875	1.141	1.145	1.192	1.254	1.047	21.32
71) P	Bromoform	0.219	0.263	0.313	0.311	0.327	0.349	0.297	15.92
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.333	3.780	4.023	3.605	3.498	3.491	3.622	6.78
74) T	N-amyl acetate	1.260	1.201	1.426	1.369	1.391	1.491	1.356	7.92
75) P	1,1,2,2-Tetrachlo	1.422	1.408	1.302	1.134	1.090	1.126	1.247	11.98
76) T	1,2,3-Trichloropr	1.561	1.344	1.260	0.993	1.051	1.022	1.205	18.59
77) T	Bromobenzene	0.909	1.111	1.055	0.952	0.924	0.949	0.983	8.21
78) T	n-propylbenzene	3.600	4.106	4.479	4.099	4.000	3.971	4.042	7.01
79) T	2-Chlorotoluene	2.495	2.753	2.786	2.507	2.398	2.487	2.571	6.18
80) T	1,3,5-Trimethylbe	2.363	2.889	3.233	3.023	2.943	2.992	2.907	10.03
81) T	trans-1,4-Dichlor		0.374	0.388	0.375	0.378	0.405	0.384	3.43
82) T	4-Chlorotoluene	2.250	2.686	2.832	2.594	2.554	2.629	2.591	7.44
83) T	tert-Butylbenzene	1.952	2.460	2.674	2.456	2.408	2.475	2.404	9.99
84) T	1,2,4-Trimethylbe	2.009	2.798	3.217	3.012	2.980	3.061	2.846	15.16
85) T	sec-Butylbenzene	2.507	3.075	3.436	3.198	3.148	3.181	3.091	10.05
86) T	p-Isopropyltoluen	1.827	2.570	3.046	2.874	2.873	2.983	2.695	16.91
87) T	1,3-Dichlorobenze	1.374	1.633	1.800	1.658	1.651	1.713	1.638	8.72
88) T	1,4-Dichlorobenze	1.550	1.688	1.773	1.653	1.648	1.743	1.676	4.71
89) T	n-Butylbenzene	1.640	2.104	2.417	2.349	2.451	2.552	2.252	14.90
90) T	Hexachloroethane	0.529	0.561	0.525	0.487	0.482	0.502	0.514	5.77
91) T	1,2-Dichlorobenze	1.433	1.650	1.759	1.656	1.615	1.670	1.631	6.61
92) T	1,2-Dibromo-3-Chl	0.281	0.255	0.246	0.222	0.214	0.223	0.240	10.60
93) T	1,2,4-Trichlorobe	0.334	0.500	0.714	0.746	0.792	0.859	0.658	30.32
94) T	Hexachlorobutadie	0.376	0.402	0.407	0.373	0.381	0.391	0.388	3.61
95) T	Naphthalene	0.955	1.403	2.101	2.222	2.436	2.656	1.962	33.19
96) T	1,2,3-Trichlorobe	0.315	0.515	0.735	0.753	0.787	0.850	0.659	30.84

(#) = Out of Range