

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N102120W.M
 Title : SW846 8260
 Last Update : Wed Oct 21 12:48:40 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN064211.D 5 =VN064212.D 20 =VN064213.D
 50 =VN064214.D 100 =VN064215.D 150 =VN064216.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.405	0.444	0.580	0.613	0.626	0.613	0.547	17.67
3) P	Chloromethane	0.508	0.516	0.563	0.621	0.640	0.619	0.578	9.88
4) C	Vinyl Chloride	0.499	0.522	0.561	0.607	0.629	0.618	0.573	9.41#
5) T	Bromomethane		0.387	0.358	0.380	0.374	0.369	0.373	3.02
6) T	Chloroethane	0.321	0.362	0.332	0.358	0.370	0.350	0.349	5.46
7) T	Trichlorofluorome	0.808	0.909	0.927	0.998	0.998	1.012	0.942	8.29
8) T	Diethyl Ether	0.263	0.322	0.300	0.324	0.331	0.329	0.312	8.47
9) T	1,1,2-Trichlorotr	0.410	0.514	0.477	0.503	0.512	0.508	0.487	8.22
10) T	Methyl Iodide		0.608	0.633	0.719	0.757	0.747	0.693	9.81
11) T	Tert butyl alcoho		0.101	0.091	0.100	0.104	0.102	0.099	5.04
12) CM	1,1-Dichloroethen	0.410	0.481	0.451	0.483	0.500	0.487	0.469	7.07#
13) T	Acrolein		0.049	0.072	0.058	0.066	0.068	0.062	14.49
14) T	Allyl chloride	0.901	0.865	0.870	0.977	1.017	0.997	0.938	7.17
15) T	Acrylonitrile	0.176	0.193	0.194	0.212	0.229	0.228	0.206	10.31
16) T	Acetone	0.201	0.204	0.197	0.217	0.229	0.227	0.212	6.62
17) T	Carbon Disulfide	1.114	1.289	1.283	1.398	1.490	1.447	1.337	10.24
18) T	Methyl Acetate	0.579	0.500	0.499	0.534	0.562	0.575	0.541	6.67
19) T	Methyl tert-butyl	1.398	1.712	1.539	1.661	1.692	1.665	1.611	7.48
20) T	Methylene Chlorid	0.596	0.575	0.532	0.557	0.575	0.565	0.567	3.80
21) T	trans-1,2-Dichlor	0.494	0.495	0.490	0.530	0.551	0.541	0.517	5.19
22) T	Diisopropyl ether	1.786	1.721	1.591	1.750	1.836	1.776	1.744	4.81
23) T	Vinyl Acetate	1.331	1.564	1.477	1.627	1.694	1.636	1.555	8.51
24) P	1,1-Dichloroethan	0.877	1.039	0.979	1.041	1.070	1.056	1.010	7.16
25) T	2-Butanone	0.325	0.327	0.314	0.343	0.359	0.357	0.338	5.47
26) T	2,2-Dichloropropa	0.945	1.061	0.963	1.019	1.044	1.000	1.006	4.52
27) T	cis-1,2-Dichloroe	0.590	0.594	0.564	0.607	0.628	0.628	0.602	4.12
28) T	Bromochloromethan	0.383	0.521	0.456	0.479	0.512	0.529	0.480	11.43
29) T	Tetrahydrofuran	0.190	0.196	0.188	0.209	0.214	0.214	0.202	6.00
30) C	Chloroform	0.997	1.133	1.008	1.088	1.139	1.100	1.077	5.68#
31) T	Cyclohexane		1.077	0.803	0.830	0.849	0.842	0.880	12.68
32) T	1,1,1-Trichloroet	0.883	1.036	0.963	1.052	1.076	1.046	1.009	7.21
33) S	1,2-Dichloroethan		0.808	0.661	0.724	0.755	0.764	0.743	7.34
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.353	0.285	0.320	0.348	0.356	0.332	9.04
36) T	1,1-Dichloroprope	0.483	0.516	0.448	0.504	0.527	0.514	0.498	5.78
37) T	Ethyl Acetate	0.437	0.425	0.434	0.461	0.479	0.480	0.453	5.31
38) T	Carbon Tetrachlor	0.498	0.589	0.536	0.584	0.607	0.590	0.567	7.31
39) T	Methylcyclohexane	0.381	0.474	0.413	0.473	0.490	0.489	0.453	10.03
40) TM	Benzene	1.299	1.402	1.246	1.390	1.482	1.437	1.376	6.40
41) T	Methacrylonitrile	0.228	0.279	0.188	0.212	0.250	0.269	0.237	14.58
42) TM	1,2-Dichloroethan	0.572	0.640	0.544	0.592	0.606	0.583	0.589	5.52
43) T	Isopropyl Acetate	0.755	0.897	0.783	0.849	0.898	0.879	0.843	7.23
44) TM	Trichloroethene	0.354	0.377	0.343	0.378	0.399	0.398	0.375	6.09
45) C	1,2-Dichloropropa	0.337	0.376	0.336	0.380	0.393	0.381	0.367	6.64#
46) T	Dibromomethane	0.218	0.245	0.229	0.262	0.266	0.261	0.247	8.04
47) T	Bromodichlorometh	0.462	0.575	0.505	0.570	0.584	0.574	0.545	9.14
48) T	Methyl methacryla	0.478	0.431	0.393	0.438	0.457	0.447	0.441	6.44
49) T	1,4-Dioxane	0.005	0.005	0.005	0.005	0.005	0.006	0.005	8.10
50) S	Toluene-d8		1.257	0.994	1.209	1.272	1.297	1.206	10.16
51) T	4-Methyl-2-Pentan	0.399	0.452	0.416	0.468	0.489	0.481	0.451	8.06
52) CM	Toluene	0.790	0.917	0.793	0.901	0.953	0.929	0.880	8.04#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.487	0.618	0.560	0.635	0.671	0.662	0.605	11.59
54) T	cis-1,3-Dichlorop	0.595	0.628	0.585	0.654	0.688	0.674	0.637	6.59
55) T	1,1,2-Trichloroet	0.284	0.344	0.302	0.347	0.362	0.357	0.333	9.65
56) T	Ethyl methacrylat	0.442	0.496	0.477	0.539	0.570	0.561	0.514	9.91
57) T	1,3-Dichloropropa	0.467	0.605	0.543	0.605	0.631	0.614	0.578	10.73
58) T	2-Chloroethyl Vin	0.201	0.281	0.254	0.276	0.291	0.285	0.265	12.73
59) T	2-Hexanone	0.286	0.325	0.300	0.347	0.359	0.358	0.329	9.41
60) T	Dibromochlorometh	0.435	0.420	0.377	0.437	0.460	0.454	0.430	6.96
61) T	1,2-Dibromoethane	0.291	0.353	0.329	0.368	0.385	0.379	0.351	10.12
62) S	4-Bromofluorobenz		0.506	0.397	0.482	0.526	0.533	0.489	11.30
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.361	0.447	0.373	0.405	0.425	0.404	0.403	7.97
65) PM	Chlorobenzene	0.901	1.086	0.956	1.065	1.122	1.081	1.035	8.35
66) T	1,1,1,2-Tetrachlo	0.380	0.406	0.382	0.426	0.443	0.428	0.411	6.31
67) C	Ethyl Benzene	1.614	1.976	1.774	1.981	2.064	2.002	1.902	9.02#
68) T	m/p-Xylenes	0.591	0.735	0.655	0.726	0.768	0.753	0.705	9.64
69) T	o-Xylene	0.595	0.670	0.637	0.718	0.749	0.720	0.682	8.54
70) T	Styrene	0.881	1.157	1.054	1.218	1.278	1.266	1.142	13.32
71) P	Bromoform	0.254	0.299	0.300	0.339	0.354	0.359	0.317	12.79
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.685	4.071	3.526	3.929	3.934	3.737	3.813	5.24
74) T	N-amyl acetate	1.381	1.711	1.562	1.748	1.762	1.722	1.648	9.04
75) P	1,1,2,2-Tetrachlo	1.039	1.003	0.945	1.029	1.035	1.021	1.012	3.49
76) T	1,2,3-Trichloropr	0.981	1.199	1.013	1.005	1.127	0.998	1.054	8.38
77) T	Bromobenzene	0.839	0.936	0.843	0.923	0.942	0.918	0.900	5.16
78) T	n-propylbenzene	3.952	4.548	3.972	4.468	4.517	4.342	4.300	6.31
79) T	2-Chlorotoluene	2.411	2.790	2.453	2.742	2.792	2.657	2.641	6.42
80) T	1,3,5-Trimethylbe	3.013	3.407	2.953	3.340	3.388	3.243	3.224	6.08
81) T	trans-1,4-Dichlor		0.425	0.364	0.426	0.444	0.429	0.418	7.40
82) T	4-Chlorotoluene	2.339	2.953	2.559	2.877	2.954	2.846	2.755	9.09
83) T	tert-Butylbenzene	2.521	2.809	2.456	2.716	2.721	2.637	2.643	5.05
84) T	1,2,4-Trimethylbe	2.806	3.314	3.038	3.359	3.430	3.306	3.209	7.42
85) T	sec-Butylbenzene	3.032	3.442	3.042	3.490	3.539	3.449	3.332	6.94
86) T	p-Isopropyltoluen	2.535	3.127	2.855	3.197	3.301	3.192	3.035	9.47
87) T	1,3-Dichlorobenze	1.442	1.667	1.440	1.662	1.724	1.677	1.602	7.90
88) T	1,4-Dichlorobenze	1.608	1.674	1.423	1.677	1.751	1.706	1.640	7.08
89) T	n-Butylbenzene	2.423	2.745	2.489	2.871	2.926	2.867	2.720	7.88
90) T	Hexachloroethane	0.501	0.616	0.489	0.557	0.577	0.559	0.550	8.67
91) T	1,2-Dichlorobenze	1.469	1.620	1.421	1.632	1.663	1.625	1.572	6.38
92) T	1,2-Dibromo-3-Chl	0.240	0.251	0.235	0.262	0.267	0.260	0.252	5.14
93) T	1,2,4-Trichlorobe	0.695	0.829	0.801	0.963	0.995	1.006	0.881	14.27
94) T	Hexachlorobutadie	0.474	0.508	0.423	0.480	0.490	0.477	0.475	6.03
95) T	Naphthalene	2.062	2.384	2.504	2.862	2.995	3.030	2.640	14.63
96) T	1,2,3-Trichlorobe	0.763	0.855	0.785	0.928	0.952	0.956	0.873	9.79

(#) = Out of Range