

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N083120W.M
 Title : SW846 8260
 Last Update : Tue Sep 01 04:21:28 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN063147.D 5 =VN063148.D 20 =VN063149.D
 50 =VN063150.D 100 =VN063151.D 150 =VN063152.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.531	0.538	0.433	0.497	0.472	0.484	0.492	7.86
3) P	Chloromethane	0.868	0.820	0.611	0.708	0.658	0.637	0.717	14.58
4) C	Vinyl Chloride	0.778	0.910	0.709	0.822	0.769	0.765	0.792	8.60#
5) T	Bromomethane		0.726	0.578	0.694	0.660	0.675	0.667	8.29
6) T	Chloroethane	0.565	0.732	0.561	0.690	0.627	0.604	0.630	10.93
7) T	Trichlorofluorome	1.054	1.530	1.225	1.183	1.129	0.992	1.185	15.91
8) T	Diethyl Ether	0.433	0.381	0.334	0.383	0.370	0.373	0.379	8.38
9) T	1,1,2-Trichlorotr	0.505	0.614	0.488	0.560	0.532	0.531	0.538	8.30
10) T	Methyl Iodide		0.707	0.649	0.792	0.765	0.758	0.734	7.72
11) T	Tert butyl alcoho		0.101	0.089	0.112	0.100	0.100	0.100	8.09
12) CM	1,1-Dichloroethen	0.555	0.587	0.495	0.576	0.541	0.538	0.549	5.95#
13) T	Acrolein		0.021	0.032	0.039	0.041	0.039	0.035	23.88
14) T	Allyl chloride	0.812	1.063	0.835	1.085	1.023	1.027	0.974	12.20
15) T	Acrylonitrile	0.184	0.262	0.240	0.300	0.281	0.282	0.258	16.22
16) T	Acetone	0.249	0.237	0.200	0.250	0.230	0.228	0.232	7.87
17) T	Carbon Disulfide	1.635	1.755	1.453	1.690	1.649	1.615	1.633	6.17
18) T	Methyl Acetate	0.562	0.613	0.510	0.661	0.614	0.615	0.596	8.81
19) T	Methyl tert-butyl	1.924	2.153	1.795	2.185	2.065	2.087	2.035	7.30
20) T	Methylene Chlorid	0.948	0.707	0.585	0.694	0.651	0.646	0.705	17.91
21) T	trans-1,2-Dichlor	0.492	0.672	0.532	0.660	0.640	0.640	0.606	12.31
22) T	Diisopropyl ether	2.061	2.284	1.925	2.352	2.239	2.239	2.183	7.29
23) T	Vinyl Acetate	1.504	1.874	1.624	1.994	1.811	1.646	1.742	10.44
24) P	1,1-Dichloroethan	1.132	1.269	1.093	1.283	1.230	1.216	1.204	6.30
25) T	2-Butanone	0.288	0.376	0.321	0.409	0.383	0.381	0.360	12.61
26) T	2,2-Dichloropropa	1.208	1.161	0.939	1.109	1.060	1.067	1.090	8.57
27) T	cis-1,2-Dichloroe	0.728	0.780	0.649	0.776	0.744	0.744	0.737	6.47
28) T	Bromochloromethan	0.622	0.677	0.551	0.681	0.616	0.625	0.629	7.57
29) T	Tetrahydrofuran	0.225	0.248	0.225	0.279	0.259	0.258	0.249	8.43
30) C	Chloroform	1.221	1.382	1.076	1.334	1.270	1.272	1.259	8.40#
31) T	Cyclohexane		1.427	0.995	1.095	1.066	1.024	1.121	15.63
32) T	1,1,1-Trichloroet	0.931	1.181	0.958	1.176	1.137	1.127	1.085	10.23
33) S	1,2-Dichloroethan		0.863	0.696	0.868	0.822	0.838	0.817	8.58
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.328	0.269	0.336	0.331	0.340	0.321	9.19
36) T	1,1-Dichloroprope	0.441	0.505	0.436	0.503	0.507	0.491	0.481	6.87
37) T	Ethyl Acetate	0.287	0.396	0.383	0.485	0.462	0.451	0.411	17.60
38) T	Carbon Tetrachlor	0.430	0.514	0.445	0.512	0.517	0.507	0.487	8.06
39) T	Methylcyclohexane	0.522	0.561	0.505	0.565	0.558	0.529	0.540	4.61
40) TM	Benzene	1.338	1.477	1.267	1.506	1.470	1.417	1.413	6.55
41) T	Methacrylonitrile	0.167	0.192	0.208	0.225	0.220	0.202	0.202	10.42
42) TM	1,2-Dichloroethan	0.509	0.533	0.474	0.562	0.547	0.540	0.528	5.96
43) T	Isopropyl Acetate	0.684	0.790	0.717	0.862	0.837	0.813	0.784	8.85
44) TM	Trichloroethene	0.310	0.352	0.321	0.364	0.360	0.349	0.343	6.40
45) C	1,2-Dichloropropa	0.346	0.419	0.338	0.394	0.376	0.370	0.374	8.08#
46) T	Dibromomethane	0.234	0.248	0.223	0.268	0.259	0.254	0.248	6.67
47) T	Bromodichlorometh	0.499	0.535	0.481	0.572	0.557	0.543	0.531	6.55
48) T	Methyl methacryla	0.272	0.350	0.331	0.401	0.387	0.379	0.353	13.34
49) T	1,4-Dioxane	0.006	0.006	0.005	0.006	0.005	0.005	0.005	9.10
50) S	Toluene-d8		1.273	1.056	1.287	1.290	1.266	1.235	8.13
51) T	4-Methyl-2-Pentan	0.379	0.442	0.400	0.490	0.447	0.397	0.426	9.67
52) CM	Toluene	0.800	0.884	0.790	0.942	0.953	0.910	0.880	7.99#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.511	0.573	0.502	0.652	0.635	0.613	0.581	10.91
54) T	cis-1,3-Dichlorop	0.526	0.612	0.547	0.663	0.664	0.647	0.610	9.88
55) T	1,1,2-Trichloroet	0.330	0.328	0.304	0.363	0.352	0.344	0.337	6.17
56) T	Ethyl methacrylat	0.459	0.489	0.446	0.568	0.564	0.551	0.513	10.70
57) T	1,3-Dichloropropa	0.555	0.607	0.542	0.654	0.632	0.611	0.600	7.25
58) T	2-Chloroethyl Vin	0.232	0.275	0.242	0.291	0.283	0.270	0.266	8.79
59) T	2-Hexanone	0.224	0.303	0.278	0.352	0.334	0.305	0.299	14.99
60) T	Dibromochlorometh	0.318	0.361	0.333	0.410	0.413	0.401	0.373	11.07
61) T	1,2-Dibromoethane	0.293	0.362	0.311	0.386	0.379	0.370	0.350	11.00
62) S	4-Bromofluorobenz		0.410	0.359	0.458	0.469	0.463	0.432	10.88
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.409	0.395	0.317	0.356	0.352	0.325	0.359	10.30
65) PM	Chlorobenzene	0.930	1.044	0.922	1.063	1.070	1.014	1.007	6.56
66) T	1,1,1,2-Tetrachlo	0.341	0.359	0.334	0.406	0.403	0.400	0.374	8.88
67) C	Ethyl Benzene	1.673	1.982	1.686	1.988	1.946	1.748	1.837	8.19#
68) T	m/p-Xylenes	0.596	0.678	0.614	0.731	0.753	0.711	0.680	9.38
69) T	o-Xylene	0.577	0.668	0.584	0.710	0.719	0.686	0.657	9.47
70) T	Stvrene	0.959	1.090	1.007	1.231	1.275	1.216	1.130	11.51
71) P	Bromoform	0.210	0.233	0.219	0.279	0.296	0.286	0.254	14.76
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.659	4.223	3.590	4.158	3.894	3.486	3.835	8.00
74) T	N-amyl acetate	1.353	1.540	1.474	1.781	1.730	1.654	1.588	10.24
75) P	1,1,2,2-Tetrachlo	1.073	1.168	0.987	1.192	1.132	1.083	1.106	6.75
76) T	1,2,3-Trichloropr	1.078	0.971	0.885	1.057	0.974	0.930	0.982	7.47
77) T	Bromobenzene	0.904	0.861	0.802	0.915	0.882	0.839	0.867	4.87
78) T	n-propylbenzene	4.258	4.825	4.240	4.878	4.523	3.902	4.438	8.49
79) T	2-Chlorotoluene	2.580	2.808	2.466	2.852	2.735	2.506	2.658	6.11
80) T	1,3,5-Trimethylbe	2.985	3.416	2.981	3.441	3.309	3.019	3.192	6.90
81) T	trans-1,4-Dichlor		0.386	0.364	0.437	0.427	0.418	0.406	7.45
82) T	4-Chlorotoluene	2.558	2.854	2.586	2.973	2.896	2.673	2.757	6.31
83) T	tert-Butylbenzene	2.732	2.863	2.548	2.912	2.785	2.586	2.738	5.35
84) T	1,2,4-Trimethylbe	3.049	3.395	2.994	3.477	3.360	3.030	3.217	6.70
85) T	sec-Butylbenzene	3.303	3.797	3.369	3.943	3.693	3.302	3.568	7.82
86) T	p-Isopropyltoluen	2.711	3.278	2.989	3.539	3.422	3.066	3.168	9.63
87) T	1,3-Dichlorobenze	1.431	1.657	1.446	1.713	1.695	1.618	1.593	7.81
88) T	1,4-Dichlorobenze	1.625	1.703	1.464	1.751	1.726	1.630	1.650	6.31
89) T	n-Butylbenzene	2.667	3.066	2.729	3.210	3.089	2.798	2.926	7.63
90) T	Hexachloroethane	0.572	0.589	0.510	0.629	0.623	0.595	0.586	7.39
91) T	1,2-Dichlorobenze	1.303	1.609	1.440	1.687	1.653	1.585	1.546	9.45
92) T	1,2-Dibromo-3-Chl	0.285	0.234	0.214	0.257	0.239	0.230	0.243	10.10
93) T	1,2,4-Trichlorobe	0.817	0.904	0.770	0.925	0.900	0.867	0.864	6.89
94) T	Hexachlorobutadie	0.369	0.342	0.291	0.332	0.316	0.286	0.323	9.79
95) T	Naphthalene	2.587	2.801	2.604	3.290	3.096	2.914	2.882	9.62
96) T	1,2,3-Trichlorobe	0.905	0.829	0.752	0.881	0.858	0.826	0.842	6.35

(#) = Out of Range