

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N081720W.M
 Title : SW846 8260
 Last Update : Mon Aug 17 17:31:03 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN062968.D 5 =VN062974.D 20 =VN062970.D
 50 =VN062971.D 100 =VN062972.D 150 =VN062973.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.395	0.434	0.625	0.611	0.572	0.532	0.528	17.94
3) P	Chloromethane	0.579	0.490	0.565	0.554	0.534	0.508	0.539	6.34
4) C	Vinyl Chloride	0.786	0.627	0.659	0.749	0.676	0.584	0.680	11.12#
5) T	Bromomethane		0.618	0.493	0.452	0.459	0.388	0.482	17.59
6) T	Chloroethane	0.478	0.483	0.481	0.473	0.458	0.406	0.463	6.38
7) T	Trichlorofluorome	1.036	1.003	0.961	0.973	0.891	0.821	0.947	8.31
8) T	Diethyl Ether	0.305	0.313	0.238	0.269	0.323	0.295	0.290	10.92
9) T	1,1,2-Trichlorotr	0.495	0.495	0.414	0.419	0.466	0.426	0.452	8.34
10) T	Methyl Iodide		0.448	0.550	0.602	0.672	0.612	0.577	14.58
11) T	Tert butyl alcoho		0.104	0.085	0.083	0.081	0.099	0.091	11.53
12) CM	1,1-Dichloroethen	0.486	0.466	0.375	0.395	0.444	0.412	0.430	10.04#
13) T	Acrolein		0.053	0.045	0.056	0.062	0.056	0.054	10.99
14) T	Allyl chloride	0.682	0.682	0.571	0.640	0.623	0.780	0.663	10.67
15) T	Acrylonitrile	0.188	0.233	0.228	0.252	0.241	0.290	0.239	13.94
16) T	Acetone	0.188	0.223	0.173	0.182	0.242	0.223	0.205	13.54
17) T	Carbon Disulfide	1.473	1.414	1.019	1.082	1.250	1.157	1.233	14.73
18) T	Methyl Acetate	0.865	0.539	0.489	0.520	0.500	0.632	0.591	24.31
19) T	Methyl tert-butyl	1.270	1.348	1.330	1.457	1.405	1.609	1.403	8.53
20) T	Methylene Chlorid	0.736	0.598	0.479	0.496	0.463	0.516	0.548	18.89
21) T	trans-1,2-Dichlor	0.480	0.513	0.420	0.435	0.404	0.447	0.450	8.96
22) T	Diisopropyl ether	1.237	1.370	1.351	1.477	1.404	1.760	1.433	12.43
23) T	Vinyl Acetate	0.919	1.055	0.888	1.004	0.969	1.225	1.010	11.97
24) P	1,1-Dichloroethan	0.814	0.891	0.796	0.831	0.780	0.915	0.838	6.43
25) T	2-Butanone	0.266	0.296	0.275	0.275	0.288	0.372	0.296	13.19
26) T	2,2-Dichloropropa	0.797	0.753	0.637	0.620	0.629	0.720	0.693	10.72
27) T	cis-1,2-Dichloroe	0.552	0.595	0.501	0.506	0.495	0.554	0.534	7.38
28) T	Bromochloromethan	0.327	0.407	0.396	0.404	0.398	0.492	0.404	12.96
29) T	Tetrahydrofuran	0.153	0.185	0.186	0.188	0.193	0.245	0.192	15.59
30) C	Chloroform	0.947	0.889	0.851	0.828	0.803	0.925	0.874	6.44#
31) T	Cyclohexane		0.863	0.761	0.764	0.772	0.925	0.817	9.03
32) T	1,1,1-Trichloroet	0.763	0.772	0.690	0.688	0.673	0.766	0.725	6.34
33) S	1,2-Dichloroethan		0.585	0.488	0.499	0.499	0.577	0.530	8.93
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.351	0.305	0.315	0.318	0.340	0.326	5.87
36) T	1,1-Dichloroprope	0.418	0.485	0.399	0.403	0.411	0.457	0.429	8.01
37) T	Ethyl Acetate	0.359	0.398	0.371	0.374	0.383	0.466	0.392	9.85
38) T	Carbon Tetrachlor	0.465	0.484	0.444	0.444	0.430	0.451	0.453	4.18
39) T	Methylcyclohexane	0.581	0.534	0.531	0.566	0.574	0.631	0.569	6.42
40) TM	Benzene	1.333	1.492	1.292	1.310	1.312	1.401	1.357	5.62
41) T	Methacrylonitrile	0.170	0.196	0.175	0.161	0.221	0.230	0.192	14.69
42) TM	1,2-Dichloroethan	0.458	0.485	0.426	0.423	0.421	0.459	0.445	5.83
43) T	Isopropyl Acetate	0.515	0.634	0.585	0.611	0.638	0.752	0.623	12.52
44) TM	Trichloroethene	0.387	0.402	0.355	0.352	0.348	0.351	0.366	6.31
45) C	1,2-Dichloropropa	0.447	0.381	0.356	0.350	0.340	0.394	0.378	10.42#
46) T	Dibromomethane	0.240	0.251	0.231	0.230	0.221	0.239	0.235	4.41
47) T	Bromodichlorometh	0.460	0.485	0.474	0.474	0.463	0.508	0.477	3.66
48) T	Methyl methacryla	0.273	0.289	0.282	0.301	0.305	0.377	0.305	12.31
49) T	1,4-Dioxane	0.005	0.007	0.006	0.006	0.007	0.008	0.006	12.01
50) S	Toluene-d8		1.310	1.201	1.242	1.226	1.341	1.264	4.67
51) T	4-Methyl-2-Pentan	0.345	0.406	0.415	0.414	0.409	0.509	0.417	12.69
52) CM	Toluene	0.793	0.898	0.857	0.855	0.834	0.905	0.857	4.82#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.447	0.512	0.513	0.511	0.520	0.587	0.515	8.60
54) T	cis-1,3-Dichlorop	0.473	0.571	0.549	0.561	0.556	0.625	0.556	8.79
55) T	1,1,2-Trichloroet	0.346	0.382	0.379	0.356	0.344	0.372	0.363	4.56
56) T	Ethyl methacrylat	0.387	0.468	0.495	0.511	0.531	0.624	0.503	15.44
57) T	1,3-Dichloropropa	0.520	0.567	0.597	0.572	0.556	0.623	0.573	6.14
58) T	2-Chloroethyl Vin	0.099	0.096	0.096	0.115	0.125	0.155	0.114	20.25
59) T	2-Hexanone	0.221	0.294	0.315	0.307	0.304	0.384	0.304	17.05
60) T	Dibromochlorometh	0.373	0.403	0.420	0.408	0.403	0.419	0.404	4.21
61) T	1,2-Dibromoethane	0.366	0.384	0.373	0.362	0.357	0.384	0.371	3.06
62) S	4-Bromofluorobenz		0.459	0.408	0.433	0.452	0.518	0.454	8.97
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.330	0.397	0.334	0.341	0.331	0.323	0.343	7.97
65) PM	Chlorobenzene	1.046	1.065	1.003	1.009	0.999	1.018	1.023	2.58
66) T	1,1,1,2-Tetrachlo	0.404	0.415	0.394	0.393	0.389	0.390	0.397	2.53
67) C	Ethyl Benzene	1.667	1.734	1.643	1.720	1.744	1.836	1.724	3.92#
68) T	m/p-Xylenes	0.554	0.645	0.647	0.677	0.678	0.704	0.651	8.02
69) T	o-Xylene	0.511	0.614	0.603	0.643	0.650	0.688	0.618	9.77
70) T	Styrene	0.814	1.020	1.059	1.137	1.165	1.240	1.073	13.85
71) P	Bromoform	0.276	0.335	0.328	0.346	0.351	0.356	0.332	8.81
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.500	3.755	3.433	3.352	3.280	3.376	3.449	4.85
74) T	N-amyl acetate	1.177	1.173	1.078	1.119	1.138	1.419	1.184	10.19
75) P	1,1,2,2-Tetrachlo	1.769	1.313	1.151	1.080	1.016	1.112	1.240	22.37
76) T	1,2,3-Trichloropr	1.540	1.151	1.056	0.966	0.943	0.986	1.107	20.33
77) T	Bromobenzene	1.158	1.096	0.968	0.923	0.909	0.914	0.994	10.69
78) T	n-propylbenzene	4.519	4.188	3.801	3.846	3.772	4.021	4.025	7.17
79) T	2-Chlorotoluene	2.674	2.629	2.310	2.269	2.230	2.402	2.419	7.84
80) T	1,3,5-Trimethylbe	2.631	3.054	2.912	2.943	2.871	3.004	2.902	5.11
81) T	trans-1,4-Dichlor		0.371	0.352	0.354	0.358	0.408	0.369	6.35
82) T	4-Chlorotoluene	2.349	2.721	2.389	2.400	2.362	2.568	2.465	6.02
83) T	tert-Butylbenzene	2.386	2.611	2.432	2.522	2.492	2.574	2.503	3.38
84) T	1,2,4-Trimethylbe	2.465	2.852	2.743	2.901	2.840	3.049	2.808	6.98
85) T	sec-Butylbenzene	2.967	3.454	3.275	3.304	3.287	3.477	3.294	5.54
86) T	p-Isopropyltoluen	2.444	2.974	2.850	3.040	3.064	3.214	2.931	9.08
87) T	1,3-Dichlorobenze	1.541	1.753	1.605	1.644	1.611	1.674	1.638	4.38
88) T	1,4-Dichlorobenze	1.793	1.798	1.623	1.630	1.615	1.668	1.688	5.06
89) T	n-Butylbenzene	2.055	2.362	2.084	2.391	2.505	2.887	2.381	12.82
90) T	Hexachloroethane	0.594	0.679	0.583	0.558	0.564	0.589	0.595	7.37
91) T	1,2-Dichlorobenze	1.519	1.696	1.567	1.588	1.540	1.588	1.583	3.91
92) T	1,2-Dibromo-3-Chl	0.135	0.201	0.189	0.191	0.190	0.219	0.188	14.96
93) T	1,2,4-Trichlorobe	0.490	0.673	0.692	0.813	0.885	0.993	0.758	23.45
94) T	Hexachlorobutadie	0.654	0.729	0.577	0.583	0.564	0.559	0.611	10.99
95) T	Naphthalene	1.173	1.764	1.546	1.896	2.108	2.496	1.831	24.94
96) T	1,2,3-Trichlorobe	0.526	0.743	0.717	0.803	0.875	0.967	0.772	19.54

(#) = Out of Range