

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N082219W.M
 Title : SW846 8260
 Last Update : Fri Aug 23 05:07:29 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN057437.D 5 =VN057438.D 20 =VN057439.D
 50 =VN057440.D 100 =VN057441.D 150 =VN057442.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.589	0.513	0.635	0.584	0.591	0.628	0.590	7.38
3) P	Chloromethane	1.037	0.831	0.854	0.778	0.772	0.785	0.843	11.91
4) C	Vinyl Chloride	1.149	1.010	1.049	0.978	0.980	0.988	1.026	6.44#
5) T	Bromomethane		0.730	0.633	0.579	0.591	0.627	0.632	9.37
6) T	Chloroethane	0.760	0.693	0.678	0.606	0.608	0.615	0.660	9.33
7) T	Trichlorofluorome	1.847	1.651	1.641	1.464	1.480	1.469	1.592	9.54
8) T	Diethyl Ether	0.771	0.659	0.587	0.538	0.529	0.524	0.601	16.25
9) T	1,1,2-Trichlorotr	1.146	0.931	0.839	0.780	0.805	0.783	0.881	16.07
10) T	Methyl Iodide		0.629	0.667	0.641	0.644	0.670	0.650	2.71
11) T	Tert butyl alcoho		0.116	0.113	0.101	0.107	0.110	0.109	5.25
12) CM	1,1-Dichloroethen	0.928	0.961	0.870	0.778	0.789	0.780	0.851	9.46#
13) T	Acrolein		0.107	0.100	0.093	0.090	0.089	0.096	7.85
14) T	Allyl chloride	1.633	1.247	1.159	1.100	1.103	1.141	1.231	16.61
15) T	Acrylonitrile	0.293	0.310	0.297	0.283	0.291	0.294	0.295	2.96
16) T	Acetone	0.789	0.392	0.289	0.257	0.440	0.256	0.404	50.26
17) T	Carbon Disulfide	2.040	1.660	1.570	1.464	1.457	1.550	1.623	13.39
18) T	Methyl Acetate	1.806	0.956	0.944	0.854	0.862	0.862	1.047	35.73
19) T	Methyl tert-butyl	2.555	2.113	1.968	1.873	1.904	1.914	2.054	12.63
20) T	Methylene Chlorid	0.885	0.671	0.634	0.581	0.582	0.607	0.660	17.50
21) T	trans-1,2-Dichlor	0.754	0.626	0.567	0.538	0.550	0.569	0.601	13.46
22) T	Diisopropyl ether	2.650	2.489	2.438	2.276	2.281	2.355	2.415	5.92
23) T	Vinyl Acetate	1.935	2.066	1.868	1.779	1.813	1.854	1.886	5.46
24) P	1,1-Dichloroethan	1.464	1.375	1.254	1.177	1.192	1.216	1.280	9.00
25) T	2-Butanone	0.470	0.476	0.440	0.408	0.419	0.420	0.439	6.47
26) T	2,2-Dichloropropa	1.417	1.161	1.073	1.001	0.988	1.010	1.108	14.84
27) T	cis-1,2-Dichloroe	0.814	0.778	0.686	0.648	0.662	0.683	0.712	9.50
28) T	Bromochloromethan	0.668	0.663	0.756	0.698	0.680	0.669	0.689	5.10
29) T	Tetrahydrofuran	0.314	0.302	0.291	0.272	0.278	0.280	0.289	5.53
30) C	Chloroform	1.913	1.312	1.232	1.147	1.160	1.204	1.328	22.05#
31) T	Cyclohexane		1.473	1.259	1.154	1.125	1.167	1.236	11.48
32) T	1,1,1-Trichloroet	1.299	1.107	1.068	1.007	1.029	1.076	1.098	9.54
33) S	1,2-Dichloroethan		0.877	0.924	0.878	0.850	0.868	0.880	3.10
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.363	0.345	0.330	0.321	0.330	0.338	4.97
36) T	1,1-Dichloroprope	0.584	0.535	0.503	0.469	0.481	0.493	0.511	8.30
37) T	Ethyl Acetate	0.529	0.534	0.518	0.477	0.494	0.478	0.505	5.02
38) T	Carbon Tetrachlor	0.619	0.507	0.487	0.471	0.480	0.481	0.508	11.03
39) T	Methylcyclohexane	0.639	0.617	0.618	0.574	0.596	0.597	0.607	3.74
40) TM	Benzene	1.791	1.602	1.503	1.414	1.452	1.439	1.533	9.31
41) T	Methacrylonitrile	0.243	0.237	0.248	0.218	0.245	0.254	0.241	5.17
42) TM	1,2-Dichloroethan	0.719	0.612	0.572	0.538	0.550	0.551	0.590	11.52
43) T	Isopropyl Acetate	1.053	0.958	0.915	0.866	0.879	0.884	0.926	7.60
44) TM	Trichloroethene	0.375	0.355	0.340	0.324	0.327	0.333	0.342	5.64
45) C	1,2-Dichloropropa	0.502	0.468	0.419	0.391	0.404	0.406	0.432	10.09#
46) T	Dibromomethane	0.361	0.285	0.253	0.247	0.257	0.250	0.276	15.93
47) T	Bromodichlorometh	0.686	0.589	0.543	0.518	0.541	0.542	0.570	10.77
48) T	Methyl methacryla	0.502	0.448	0.425	0.417	0.428	0.420	0.440	7.33
49) T	1,4-Dioxane	0.006	0.006	0.006	0.005	0.006	0.006	0.006	7.34
50) S	Toluene-d8		1.162	1.344	1.305	1.279	1.294	1.277	5.36
51) T	4-Methyl-2-Pentan	0.544	0.539	0.512	0.490	0.508	0.502	0.516	4.13
52) CM	Toluene	0.915	0.886	0.877	0.840	0.894	0.891	0.884	2.81#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.667	0.598	0.567	0.552	0.598	0.598	0.597	6.64
54) T	cis-1,3-Dichlorop	0.792	0.684	0.628	0.604	0.642	0.637	0.664	10.14
55) T	1,1,2-Trichloroet	0.433	0.371	0.342	0.327	0.339	0.334	0.357	11.12
56) T	Ethyl methacrylat	0.531	0.589	0.555	0.544	0.581	0.574	0.562	4.04
57) T	1,3-Dichloropropa	0.687	0.635	0.615	0.587	0.609	0.598	0.622	5.79
58) T	2-Chloroethyl Vin	0.096	0.105	0.125	0.140	0.164	0.165	0.133	21.98
59) T	2-Hexanone	0.370	0.354	0.350	0.338	0.355	0.356	0.354	2.91
60) T	Dibromochlorometh	0.408	0.390	0.360	0.353	0.378	0.378	0.378	5.25
61) T	1,2-Dibromoethane	0.374	0.350	0.345	0.337	0.349	0.348	0.351	3.51
62) S	4-Bromofluorobenz		0.401	0.406	0.441	0.450	0.466	0.433	6.51
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.422	0.382	0.357	0.319	0.315	0.304	0.350	13.11
65) PM	Chlorobenzene	1.194	1.064	0.976	0.933	0.944	0.954	1.011	10.05
66) T	1,1,1,2-Tetrachlo	0.488	0.395	0.374	0.360	0.360	0.348	0.388	13.35
67) C	Ethyl Benzene	2.295	2.016	1.869	1.870	1.846	1.841	1.956	9.10#
68) T	m/p-Xylenes	0.686	0.673	0.655	0.658	0.666	0.654	0.665	1.84
69) T	o-Xylene	0.690	0.682	0.654	0.649	0.642	0.638	0.659	3.29
70) T	Styrene	0.962	1.017	1.022	1.068	1.083	1.110	1.044	5.13
71) P	Bromoform	0.299	0.266	0.238	0.253	0.256	0.261	0.262	7.77
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	8.122	6.877	5.447	4.587	4.365	4.133	5.589	28.53
74) T	N-amyl acetate	3.376	3.312	2.541	2.115	2.043	1.977	2.561	24.93
75) P	1,1,2,2-Tetrachlo	2.483	1.994	1.607	1.301	1.243	1.200	1.638	31.16
76) T	1,2,3-Trichloropr	1.232	1.677	1.438	1.172	1.034	1.055	1.268	19.54
77) T	Bromobenzene	1.551	1.286	1.108	0.933	0.900	0.872	1.108	24.12
78) T	n-propylbenzene	7.823	6.832	5.828	5.153	5.063	4.861	5.927	19.83
79) T	2-Chlorotoluene	4.561	4.235	3.576	3.071	2.938	2.820	3.533	20.51
80) T	1,3,5-Trimethylbe	6.045	5.144	4.371	3.784	3.602	3.423	4.395	23.27
81) T	trans-1,4-Dichlor		0.641	0.522	0.444	0.436	0.433	0.495	18.05
82) T	4-Chlorotoluene	4.253	3.760	3.365	2.984	2.966	2.879	3.368	16.19
83) T	tert-Butylbenzene	5.783	4.973	3.745	3.163	2.969	2.843	3.913	30.77
84) T	1,2,4-Trimethylbe	4.169	4.585	4.110	3.639	3.495	3.325	3.887	12.33
85) T	sec-Butylbenzene	6.028	5.662	4.767	4.239	4.080	3.944	4.787	18.25
86) T	p-Isopropyltoluen	4.388	4.636	3.976	3.581	3.498	3.370	3.908	13.19
87) T	1,3-Dichlorobenze	1.895	1.660	1.613	1.507	1.519	1.495	1.615	9.42
88) T	1,4-Dichlorobenze	1.877	1.600	1.545	1.468	1.504	1.495	1.582	9.60
89) T	n-Butylbenzene	3.421	3.736	3.276	3.145	3.117	3.150	3.307	7.22
90) T	Hexachloroethane	1.270	1.120	0.880	0.746	0.725	0.685	0.904	26.44
91) T	1,2-Dichlorobenze	1.668	1.556	1.596	1.464	1.484	1.484	1.542	5.16
92) T	1,2-Dibromo-3-Chl	0.367	0.269	0.256	0.229	0.239	0.238	0.266	19.28
93) T	1,2,4-Trichlorobe	0.655	0.446	0.435	0.493	0.649	0.694	0.562	20.76
94) T	Hexachlorobutadie	0.654	0.584	0.480	0.396	0.386	0.372	0.479	24.47
95) T	Naphthalene	2.221	1.582	1.490	1.636	2.078	2.159	1.861	17.52
96) T	1,2,3-Trichlorobe	0.805	0.437	0.443	0.497	0.649	0.690	0.587	25.70

(#) = Out of Range