

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N093020W.M
 Title : SW846 8260
 Last Update : Wed Sep 30 12:21:51 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN063738.D 5 =VN063739.D 20 =VN063740.D
 50 =VN063741.D 100 =VN063742.D 150 =VN063743.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.597	0.572	0.498	0.491	0.493	0.514	0.528	8.64
3) P	Chloromethane	0.783	0.632	0.582	0.560	0.569	0.587	0.619	13.58
4) C	Vinyl Chloride	0.773	0.659	0.563	0.571	0.575	0.588	0.621	13.24#
5) T	Bromomethane		0.457	0.379	0.354	0.368	0.397	0.391	10.23
6) T	Chloroethane	0.396	0.402	0.346	0.352	0.364	0.368	0.371	6.19
7) T	Trichlorofluorome	1.144	0.984	0.961	0.928	0.951	0.944	0.986	8.09
8) T	Diethyl Ether	0.339	0.346	0.316	0.327	0.335	0.338	0.333	3.18
9) T	1,1,2-Trichlorotr	0.621	0.541	0.499	0.494	0.502	0.504	0.527	9.31
10) T	Methyl Iodide		0.512	0.568	0.621	0.663	0.694	0.612	11.97
11) T	Tert butyl alcoho		0.085	0.086	0.091	0.097	0.097	0.091	6.42
12) CM	1,1-Dichloroethen	0.590	0.525	0.460	0.467	0.494	0.485	0.503	9.54#
13) T	Acrolein		0.025	0.052	0.057	0.060	0.060	0.051	28.68
14) T	Allyl chloride	0.961	0.919	0.900	0.900	0.966	0.966	0.935	3.49
15) T	Acrylonitrile	0.260	0.251	0.252	0.257	0.272	0.275	0.261	3.84
16) T	Acetone	0.296	0.249	0.238	0.243	0.252	0.248	0.254	8.18
17) T	Carbon Disulfide	1.990	1.462	1.290	1.297	1.369	1.382	1.465	18.07
18) T	Methyl Acetate	0.783	0.593	0.625	0.614	0.669	0.677	0.660	10.36
19) T	Methyl tert-butyl	1.904	1.765	1.751	1.784	1.879	1.892	1.829	3.81
20) T	Methylene Chlorid	0.846	0.615	0.582	0.567	0.582	0.585	0.630	17.05
21) T	trans-1,2-Dichlor	0.669	0.579	0.517	0.522	0.548	0.549	0.564	9.94
22) T	Diisopropyl ether	1.844	1.846	1.897	1.886	2.016	2.058	1.925	4.72
23) T	Vinyl Acetate	1.466	1.494	1.551	1.613	1.716	1.724	1.594	6.90
24) P	1,1-Dichloroethan	1.193	1.125	1.046	1.060	1.085	1.092	1.100	4.82
25) T	2-Butanone	0.321	0.336	0.356	0.362	0.393	0.394	0.361	8.15
26) T	2,2-Dichloropropa	1.123	1.010	0.961	0.959	0.999	0.995	1.008	5.96
27) T	cis-1,2-Dichloroe	0.713	0.656	0.619	0.616	0.637	0.650	0.649	5.45
28) T	Bromochloromethan	0.423	0.560	0.557	0.539	0.577	0.609	0.544	11.77
29) T	Tetrahydrofuran	0.238	0.221	0.237	0.239	0.256	0.259	0.242	5.81
30) C	Chloroform	1.181	1.164	1.117	1.102	1.160	1.160	1.147	2.67#
31) T	Cyclohexane		1.153	0.920	0.878	0.915	0.930	0.959	11.48
32) T	1,1,1-Trichloroet	1.028	1.021	0.997	1.020	1.058	1.085	1.035	3.05
33) S	1,2-Dichloroethan		0.798	0.865	0.795	0.809	0.863	0.826	4.24
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.339	0.357	0.336	0.337	0.366	0.347	4.00
36) T	1,1-Dichloroprope	0.557	0.516	0.465	0.485	0.503	0.514	0.507	6.14
37) T	Ethyl Acetate	0.613	0.475	0.448	0.471	0.504	0.509	0.503	11.55
38) T	Carbon Tetrachlor	0.686	0.549	0.526	0.533	0.550	0.564	0.568	10.41
39) T	Methylcyclohexane	0.502	0.506	0.474	0.496	0.520	0.532	0.505	3.95
40) TM	Benzene	1.559	1.484	1.384	1.381	1.429	1.444	1.447	4.65
41) T	Methacrylonitrile	0.250	0.199	0.201	0.238	0.214	0.239	0.224	9.70
42) TM	1,2-Dichloroethan	0.693	0.622	0.578	0.594	0.607	0.612	0.618	6.43
43) T	Isopropyl Acetate	0.807	0.760	0.793	0.838	0.884	0.899	0.830	6.51
44) TM	Trichloroethene	0.448	0.373	0.355	0.357	0.368	0.373	0.379	9.16
45) C	1,2-Dichloropropa	0.436	0.377	0.375	0.379	0.386	0.391	0.391	5.92#
46) T	Dibromomethane	0.299	0.258	0.262	0.257	0.269	0.272	0.270	5.76
47) T	Bromodichlorometh	0.548	0.546	0.530	0.549	0.579	0.582	0.556	3.65
48) T	Methyl methacryla	0.411	0.351	0.401	0.405	0.440	0.452	0.410	8.62
49) T	1,4-Dioxane	0.007	0.005	0.005	0.006	0.006	0.006	0.006	11.55
50) S	Toluene-d8		1.263	1.358	1.250	1.301	1.405	1.315	4.97
51) T	4-Methyl-2-Pentan	0.451	0.450	0.474	0.500	0.523	0.524	0.487	6.92
52) CM	Toluene	0.869	0.877	0.864	0.884	0.929	0.947	0.895	3.85#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.549	0.557	0.570	0.596	0.643	0.658	0.596	7.70
54) T	cis-1,3-Dichlorop	0.592	0.592	0.601	0.627	0.653	0.672	0.623	5.40
55) T	1,1,2-Trichloroet	0.365	0.358	0.341	0.356	0.362	0.372	0.359	2.93
56) T	Ethyl methacrylat	0.409	0.464	0.489	0.523	0.577	0.590	0.509	13.58
57) T	1,3-Dichloropropa	0.576	0.599	0.592	0.607	0.631	0.638	0.607	3.92
58) T	2-Chloroethyl Vin	0.217	0.258	0.280	0.278	0.295	0.306	0.272	11.67
59) T	2-Hexanone	0.337	0.330	0.348	0.367	0.391	0.398	0.362	7.84
60) T	Dibromochlorometh	0.419	0.395	0.391	0.406	0.441	0.456	0.418	6.24
61) T	1,2-Dibromoethane	0.349	0.340	0.350	0.368	0.396	0.398	0.367	6.87
62) S	4-Bromofluorobenz		0.455	0.485	0.477	0.499	0.556	0.494	7.71
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.498	0.393	0.361	0.352	0.358	0.359	0.387	14.54
65) PM	Chlorobenzene	1.073	1.056	0.968	0.981	1.039	1.038	1.026	4.07
66) T	1,1,1,2-Tetrachlo	0.410	0.372	0.372	0.387	0.406	0.412	0.393	4.79
67) C	Ethyl Benzene	1.810	1.832	1.765	1.862	1.971	1.958	1.866	4.43#
68) T	m/p-Xylenes	0.704	0.660	0.658	0.688	0.727	0.736	0.696	4.74
69) T	o-Xylene	0.601	0.630	0.624	0.647	0.694	0.704	0.650	6.30
70) T	Styrene	0.989	0.966	1.069	1.129	1.220	1.249	1.104	10.60
71) P	Bromoform	0.300	0.263	0.274	0.302	0.326	0.339	0.301	9.75
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.712	3.650	3.583	3.575	3.696	3.665	3.647	1.56
74) T	N-amyl acetate	1.116	1.321	1.551	1.578	1.719	1.767	1.509	16.43
75) P	1,1,2,2-Tetrachlo	1.164	1.161	1.105	1.073	1.095	1.094	1.115	3.43
76) T	1,2,3-Trichloropr	1.258	1.083	1.032	0.992	1.111	1.137	1.102	8.41
77) T	Bromobenzene	0.944	0.918	0.868	0.858	0.893	0.888	0.895	3.59
78) T	n-propylbenzene	4.446	4.154	4.144	4.099	4.356	4.266	4.244	3.22
79) T	2-Chlorotoluene	2.856	2.595	2.553	2.467	2.610	2.581	2.610	5.00
80) T	1,3,5-Trimethylbe	3.021	2.946	3.050	2.997	3.183	3.161	3.060	3.07
81) T	trans-1,4-Dichlor		0.322	0.370	0.385	0.414	0.423	0.383	10.50
82) T	4-Chlorotoluene	2.827	2.607	2.646	2.621	2.786	2.772	2.710	3.54
83) T	tert-Butylbenzene	2.448	2.489	2.465	2.444	2.576	2.595	2.503	2.64
84) T	1,2,4-Trimethylbe	2.812	2.956	3.034	3.080	3.203	3.244	3.055	5.23
85) T	sec-Butylbenzene	3.234	3.226	3.244	3.224	3.392	3.402	3.287	2.60
86) T	p-Isopropyltoluen	2.640	2.756	2.895	2.920	3.093	3.143	2.908	6.61
87) T	1,3-Dichlorobenze	1.693	1.561	1.614	1.565	1.627	1.654	1.619	3.16
88) T	1,4-Dichlorobenze	2.082	1.637	1.535	1.546	1.655	1.658	1.686	11.96
89) T	n-Butylbenzene	2.902	2.426	2.537	2.614	2.788	2.838	2.684	6.97
90) T	Hexachloroethane	0.554	0.550	0.541	0.557	0.586	0.594	0.564	3.77
91) T	1,2-Dichlorobenze	1.796	1.575	1.535	1.510	1.591	1.614	1.604	6.33
92) T	1,2-Dibromo-3-Chl	0.298	0.240	0.256	0.250	0.262	0.265	0.262	7.53
93) T	1,2,4-Trichlorobe	1.176	0.705	0.806	0.822	0.876	0.904	0.881	18.15
94) T	Hexachlorobutadie	0.868	0.482	0.425	0.424	0.429	0.439	0.511	34.42
95) T	Naphthalene	3.681	1.973	2.483	2.542	2.712	2.805	2.699	20.78
96) T	1,2,3-Trichlorobe	1.322	0.663	0.790	0.795	0.855	0.872	0.883	25.76

(#) = Out of Range