

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X052720W.M
 Title : SW846 8260
 Last Update : Wed May 27 16:31:05 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX016446.D 5 =VX016447.D 20 =VX016448.D
 50 =VX016449.D 100 =VX016450.D 150 =VX016451.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.445	0.485	0.475	0.526	0.531	0.490	0.492	6.56
3) P	Chloromethane	0.613	0.623	0.548	0.595	0.606	0.583	0.595	4.47
4) C	Vinyl Chloride	0.625	0.643	0.591	0.639	0.660	0.614	0.629	3.87#
5) T	Bromomethane		0.312	0.327	0.297	0.306	0.287	0.306	5.02
6) T	Chloroethane	0.372	0.384	0.358	0.378	0.391	0.317	0.367	7.36
7) T	Trichlorofluorome	0.748	0.871	0.799	0.853	0.874	0.810	0.826	5.99
8) T	Diethyl Ether	0.384	0.363	0.311	0.341	0.342	0.324	0.344	7.62
9) T	1,1,2-Trichlorotr	0.444	0.475	0.432	0.467	0.476	0.433	0.455	4.56
10) T	Methyl Iodide		0.359	0.410	0.534	0.592	0.555	0.490	20.45
11) T	Tert butyl alcoho		0.162	0.146	0.164	0.165	0.160	0.159	4.93
12) CM	1,1-Dichloroethen	0.504	0.501	0.446	0.486	0.493	0.457	0.481	4.97#
13) T	Acrolein		0.074	0.055	0.065	0.071	0.073	0.068	11.70
14) T	Allyl chloride	0.882	0.897	0.824	0.913	0.936	0.858	0.885	4.52
15) T	Acrylonitrile	0.291	0.336	0.311	0.342	0.346	0.330	0.326	6.45
16) T	Acetone	0.261	0.286	0.257	0.284	0.282	0.263	0.272	4.84
17) T	Carbon Disulfide	1.442	1.449	1.355	1.462	1.487	1.376	1.429	3.62
18) T	Methyl Acetate	0.637	0.728	0.676	0.729	0.732	0.684	0.698	5.55
19) T	Methyl tert-butyl	1.647	1.721	1.636	1.803	1.840	1.718	1.728	4.73
20) T	Methylene Chlorid	0.587	0.604	0.529	0.567	0.569	0.522	0.563	5.74
21) T	trans-1,2-Dichlor	0.517	0.545	0.509	0.542	0.561	0.519	0.532	3.79
22) T	Diisopropyl ether	1.546	1.755	1.644	1.793	1.802	1.658	1.700	5.91
23) T	Vinyl Acetate	1.254	1.486	1.445	1.610	1.633	1.499	1.488	9.16
24) P	1,1-Dichloroethan	0.893	0.983	0.939	0.999	1.008	0.933	0.959	4.65
25) T	2-Butanone	0.410	0.464	0.440	0.491	0.492	0.468	0.461	6.81
26) T	2,2-Dichloropropa	0.769	0.828	0.744	0.783	0.827	0.759	0.785	4.48
27) T	cis-1,2-Dichloroe	0.638	0.646	0.565	0.625	0.633	0.587	0.616	5.25
28) T	Bromochloromethan	0.464	0.447	0.449	0.432	0.456	0.427	0.446	3.09
29) T	Tetrahydrofuran	0.251	0.300	0.291	0.320	0.321	0.303	0.298	8.58
30) C	Chloroform	0.910	0.994	0.941	0.999	1.014	0.942	0.967	4.26#
31) T	Cyclohexane		0.870	0.816	0.877	0.908	0.844	0.863	4.01
32) T	1,1,1-Trichloroet	0.794	0.924	0.842	0.912	0.922	0.856	0.875	6.06
33) S	1,2-Dichloroethan		0.647	0.594	0.620	0.637	0.607	0.621	3.50
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.320	0.292	0.305	0.317	0.306	0.308	3.53
36) T	1,1-Dichloroprope	0.475	0.472	0.448	0.484	0.496	0.466	0.473	3.44
37) T	Ethyl Acetate	0.587	0.559	0.532	0.586	0.589	0.557	0.568	3.99
38) T	Carbon Tetrachlor	0.479	0.499	0.479	0.513	0.523	0.492	0.497	3.60
39) T	Methylcyclohexane	0.514	0.494	0.481	0.529	0.548	0.519	0.514	4.68
40) TM	Benzene	1.345	1.448	1.359	1.453	1.476	1.378	1.410	3.94
41) T	Methacrylonitrile	0.316	0.322	0.289	0.314	0.327	0.305	0.312	4.30
42) TM	1,2-Dichloroethan	0.483	0.521	0.475	0.518	0.523	0.489	0.501	4.29
43) T	Isopropyl Acetate	0.848	0.900	0.831	0.916	0.934	0.891	0.887	4.49
44) TM	Trichloroethene	0.471	0.486	0.430	0.447	0.442	0.408	0.447	6.27
45) C	1,2-Dichloropropa	0.340	0.362	0.347	0.370	0.378	0.355	0.359	3.98#
46) T	Dibromomethane	0.225	0.252	0.232	0.247	0.252	0.237	0.241	4.72
47) T	Bromodichlorometh	0.458	0.506	0.476	0.519	0.534	0.503	0.499	5.55
48) T	Methyl methacryla	0.402	0.410	0.393	0.445	0.457	0.439	0.424	6.13
49) T	1,4-Dioxane	0.009	0.010	0.009	0.010	0.010	0.010	0.010	5.76
50) S	Toluene-d8		1.165	1.154	1.207	1.255	1.211	1.198	3.35
51) T	4-Methyl-2-Pentan	0.474	0.551	0.540	0.588	0.592	0.567	0.552	7.82
52) CM	Toluene	0.825	0.899	0.861	0.920	0.946	0.884	0.889	4.85#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.501	0.562	0.536	0.594	0.623	0.590	0.568	7.80
54) T	cis-1,3-Dichlorop	0.548	0.602	0.570	0.626	0.648	0.611	0.601	6.11
55) T	1,1,2-Trichloroet	0.327	0.361	0.336	0.363	0.377	0.357	0.353	5.23
56) T	Ethyl methacrylat	0.490	0.543	0.542	0.613	0.646	0.620	0.576	10.38
57) T	1,3-Dichloropropa	0.547	0.620	0.588	0.630	0.645	0.610	0.607	5.76
58) T	2-Chloroethyl Vin	0.299	0.282	0.286	0.310	0.325	0.302	0.300	5.27
59) T	2-Hexanone	0.356	0.425	0.415	0.462	0.465	0.452	0.429	9.59
60) T	Dibromochlorometh	0.341	0.399	0.380	0.418	0.435	0.414	0.398	8.43
61) T	1,2-Dibromoethane	0.343	0.389	0.360	0.391	0.403	0.386	0.379	6.00
62) S	4-Bromofluorobenz		0.463	0.422	0.454	0.486	0.489	0.463	5.88
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.600	0.622	0.548	0.563	0.542	0.481	0.559	8.82
65) PM	Chlorobenzene	0.990	1.051	0.967	1.052	1.056	1.000	1.019	3.76
66) T	1,1,1,2-Tetrachlo	0.372	0.398	0.370	0.400	0.409	0.386	0.389	4.03
67) C	Ethyl Benzene	1.706	1.832	1.730	1.901	1.913	1.807	1.815	4.70#
68) T	m/p-Xylenes	0.598	0.686	0.644	0.713	0.716	0.680	0.673	6.70
69) T	o-Xylene	0.592	0.664	0.613	0.680	0.694	0.667	0.652	6.15
70) T	Styrene	0.949	1.094	1.062	1.204	1.230	1.182	1.120	9.47
71) P	Bromoform	0.281	0.320	0.298	0.353	0.363	0.359	0.329	10.55
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.280	3.572	3.361	3.586	3.675	3.312	3.464	4.80
74) T	N-amyl acetate	1.450	1.533	1.540	1.677	1.731	1.629	1.594	6.55
75) P	1,1,2,2-Tetrachlo	0.745	0.798	0.789	0.917	0.996	0.965	0.868	12.01
76) T	1,2,3-Trichloropr	1.052	1.193	1.063	1.131	1.117	1.038	1.099	5.36
77) T	Bromobenzene	0.939	0.937	0.862	0.916	0.936	0.861	0.909	4.10
78) T	n-propylbenzene	3.541	3.881	3.767	4.046	4.177	3.812	3.870	5.75
79) T	2-Chlorotoluene	2.213	2.421	2.297	2.437	2.499	2.309	2.363	4.52
80) T	1,3,5-Trimethylbe	2.580	2.928	2.817	3.037	3.123	2.872	2.893	6.54
81) T	trans-1,4-Dichlor		0.436	0.401	0.454	0.485	0.459	0.447	7.01
82) T	4-Chlorotoluene	2.597	2.823	2.691	2.883	2.991	2.755	2.790	5.02
83) T	tert-Butylbenzene	2.126	2.492	2.340	2.602	2.727	2.544	2.472	8.58
84) T	1,2,4-Trimethylbe	2.652	2.889	2.846	3.064	3.174	2.927	2.925	6.17
85) T	sec-Butylbenzene	2.706	3.129	3.005	3.228	3.388	3.148	3.101	7.45
86) T	p-Isopropyltoluen	2.608	2.892	2.756	3.056	3.183	2.933	2.905	7.08
87) T	1,3-Dichlorobenze	1.513	1.620	1.508	1.606	1.657	1.541	1.574	3.93
88) T	1,4-Dichlorobenze	1.636	1.627	1.538	1.628	1.672	1.559	1.610	3.16
89) T	n-Butylbenzene	2.076	2.331	2.295	2.555	2.724	2.534	2.419	9.52
90) T	Hexachloroethane	0.409	0.497	0.479	0.523	0.563	0.539	0.502	10.86
91) T	1,2-Dichlorobenze	1.429	1.596	1.478	1.541	1.610	1.497	1.525	4.61
92) T	1,2-Dibromo-3-Chl	0.256	0.280	0.274	0.288	0.301	0.289	0.281	5.49
93) T	1,2,4-Trichlorobe	0.933	0.988	0.931	1.046	1.119	1.060	1.013	7.43
94) T	Hexachlorobutadie	0.378	0.404	0.355	0.392	0.438	0.420	0.398	7.48
95) T	Naphthalene	3.095	3.363	3.298	3.647	3.822	3.610	3.472	7.69
96) T	1,2,3-Trichlorobe	0.947	0.961	0.956	1.005	1.085	1.000	0.992	5.16

(#) = Out of Range