

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X102120W.M
 Title : SW846 8260
 Last Update : Thu Oct 22 17:51:42 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX019006.D 5 =VX019007.D 20 =VX019008.D
 50 =VX019009.D 100 =VX019010.D 150 =VX019011.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.477	0.468	0.500	0.506	0.515	0.522	0.498	4.32
3) P	Chloromethane	0.514	0.501	0.478	0.484	0.498		0.495	2.87
4) C	Vinyl Chloride	0.566	0.605	0.568	0.585	0.589	0.592	0.584	2.54#
5) T	Bromomethane		0.791	0.650	0.543	0.515	0.483	0.596	21.09
6) T	Chloroethane	0.385	0.487	0.387	0.395	0.323	0.212	0.365	25.06
7) T	Trichlorofluorome	0.957	1.066	0.947	0.977	0.981	0.996	0.987	4.28
8) T	Diethyl Ether	0.396	0.427	0.357	0.376	0.382	0.382	0.387	6.01
9) T	1,1,2-Trichlorotr	0.473	0.506	0.439	0.449	0.467	0.473	0.468	4.94
10) T	Methyl Iodide		0.415	0.499	0.628	0.700	0.708	0.590	21.85
11) T	Tert butyl alcoho		0.129	0.118	0.116	0.123	0.121	0.121	4.09
12) CM	1,1-Dichloroethen	0.497	0.523	0.456	0.467	0.481	0.496	0.487	4.93#
13) T	Acrolein		0.064	0.040	0.042	0.046	0.048	0.048	20.11
14) T	Allyl chloride	0.631	0.663	0.604	0.608	0.629	0.641	0.630	3.46
15) T	Acrylonitrile	0.232	0.247	0.224	0.229	0.237	0.239	0.235	3.47
16) T	Acetone	0.223	0.218	0.195	0.194	0.199	0.195	0.204	6.35
17) T	Carbon Disulfide	1.622	1.442	1.276	1.318	1.364	1.400	1.404	8.68
18) T	Methyl Acetate	0.493	0.518	0.493	0.500	0.512	0.521	0.506	2.41
19) T	Methyl tert-butyl	1.454	1.664	1.454	1.513	1.576	1.589	1.542	5.39
20) T	Methylene Chlorid	0.617	0.595	0.531	0.534	0.560	0.571	0.568	5.92
21) T	trans-1,2-Dichlor	0.598	0.593	0.532	0.542	0.560	0.582	0.568	4.87
22) T	Diisopropyl ether	1.177	1.331	1.179	1.222	1.265	1.275	1.241	4.85
23) T	Vinyl Acetate	1.069	1.255	1.128	1.173	1.220	1.228	1.179	5.93
24) P	1,1-Dichloroethan	0.853	0.988	0.866	0.885	0.912	0.919	0.904	5.36
25) T	2-Butanone	0.303	0.346	0.315	0.321	0.328	0.321	0.322	4.46
26) T	2,2-Dichloropropa	0.799	0.922	0.789	0.816	0.838	0.844	0.835	5.72
27) T	cis-1,2-Dichloroe	0.601	0.706	0.604	0.626	0.659	0.670	0.644	6.35
28) T	Bromochloromethan	0.383	0.405	0.362	0.370	0.380	0.403	0.384	4.51
29) T	Tetrahydrofuran	0.199	0.203	0.181	0.187	0.193	0.192	0.193	4.31
30) C	Chloroform	0.915	1.031	0.935	0.977	1.011	1.020	0.982	4.89#
31) T	Cyclohexane		0.749	0.663	0.687	0.703	0.705	0.701	4.50
32) T	1,1,1-Trichloroet	0.811	0.941	0.846	0.887	0.919	0.937	0.890	5.90
33) S	1,2-Dichloroethan		0.681	0.567	0.548	0.586	0.612	0.599	8.64

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.334	0.294	0.299	0.318	0.337	0.317	6.24
36) T	1,1-Dichloroprope	0.443	0.475	0.418	0.440	0.455	0.462	0.449	4.40
37) T	Ethyl Acetate	0.348	0.399	0.369	0.385	0.396	0.400	0.383	5.47
38) T	Carbon Tetrachlor	0.471	0.476	0.431	0.473	0.479	0.495	0.471	4.51
39) T	Methylcyclohexane	0.509	0.517	0.466	0.497	0.513	0.513	0.503	3.81
40) TM	Benzene	1.254	1.394	1.242	1.321	1.351	1.366	1.321	4.65
41) T	Methacrylonitrile	0.189	0.226	0.191	0.202	0.215	0.212	0.206	7.02
42) TM	1,2-Dichloroethan	0.420	0.479	0.429	0.456	0.461	0.461	0.451	4.90
43) T	Isopropyl Acetate	0.585	0.685	0.615	0.656	0.674	0.675	0.649	6.13
44) TM	Trichloroethene	0.375	0.405	0.354	0.381	0.391	0.406	0.385	5.11
45) C	1,2-Dichloropropa	0.300	0.332	0.302	0.315	0.324	0.328	0.317	4.28#
46) T	Dibromomethane	0.239	0.248	0.223	0.238	0.250	0.250	0.241	4.32
47) T	Bromodichlorometh	0.426	0.487	0.442	0.480	0.496	0.509	0.473	6.85
48) T	Methyl methacryla	0.352	0.323	0.292	0.310	0.320	0.321	0.320	6.19
49) T	1,4-Dioxane	0.007	0.008	0.007	0.007	0.007	0.007	0.007	5.47
50) S	Toluene-d8		1.293	1.111	1.150	1.196	1.290	1.208	6.78
51) T	4-Methyl-2-Pentan	0.350	0.403	0.375	0.396	0.394	0.375	0.382	5.11
52) CM	Toluene	0.791	0.902	0.834	0.879	0.899	0.932	0.873	5.89#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.499	0.532	0.499	0.538	0.565	0.574	0.534	5.89
54) T	cis-1,3-Dichlorop	0.510	0.586	0.530	0.570	0.592	0.598	0.564	6.41
55) T	1,1,2-Trichloroet	0.327	0.375	0.338	0.355	0.369	0.370	0.356	5.46
56) T	Ethyl methacrylat	0.459	0.522	0.479	0.527	0.548	0.536	0.512	6.87
57) T	1,3-Dichloropropa	0.503	0.603	0.541	0.572	0.581	0.588	0.565	6.50
58) T	2-Chloroethyl Vin	0.232	0.283	0.254	0.268	0.278	0.298	0.269	8.72
59) T	2-Hexanone	0.255	0.306	0.289	0.296	0.288	0.276	0.285	6.19
60) T	Dibromochlorometh	0.328	0.383	0.360	0.403	0.423	0.430	0.388	10.03
61) T	1,2-Dibromoethane	0.350	0.396	0.356	0.386	0.397	0.398	0.381	5.77
62) S	4-Bromofluorobenz		0.463	0.401	0.412	0.432	0.441	0.430	5.70
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.433	0.403	0.350	0.358	0.363	0.376	0.381	8.32
65) PM	Chlorobenzene	1.010	1.119	0.965	1.044	1.068	1.086	1.049	5.26
66) T	1,1,1,2-Tetrachlo	0.328	0.382	0.342	0.387	0.395	0.403	0.373	8.21
67) C	Ethyl Benzene	1.690	1.924	1.689	1.803	1.852	1.889	1.808	5.54#
68) T	m/p-Xylenes	0.632	0.722	0.645	0.705	0.711	0.740	0.693	6.36
69) T	o-Xylene	0.572	0.702	0.615	0.672	0.700	0.715	0.663	8.58
70) T	Stvrene	0.972	1.170	1.053	1.152	1.201	1.204	1.125	8.28
71) P	Bromoform	0.249	0.291	0.277	0.314	0.343	0.332	0.301	11.84
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.261	3.862	3.288	3.643	3.782	3.746	3.597	7.22
74) T	N-amyl acetate	1.076	1.233	1.068	1.188	1.191	1.159	1.152	5.79
75) P	1,1,2,2-Tetrachlo	0.992	1.183	1.034	1.095	1.112	1.086	1.084	6.09
76) T	1,2,3-Trichloropr	1.030	1.086	0.943	1.007	0.998	0.932	0.999	5.72
77) T	Bromobenzene	0.891	0.946	0.828	0.906	0.945	0.934	0.908	4.99
78) T	n-propylbenzene	3.973	4.368	3.673	4.107	4.234	4.099	4.076	5.85
79) T	2-Chlorotoluene	2.423	2.542	2.158	2.385	2.429	2.329	2.378	5.40
80) T	1,3,5-Trimethylbe	2.758	3.133	2.704	3.014	3.127	3.085	2.970	6.41
81) T	trans-1,4-Dichlor		0.394	0.348	0.404	0.414	0.402	0.392	6.56
82) T	4-Chlorotoluene	2.885	2.995	2.555	2.827	2.891	2.821	2.829	5.23
83) T	tert-Butylbenzene	2.692	3.070	2.662	2.994	3.082	3.055	2.926	6.67
84) T	1,2,4-Trimethylbe	2.770	3.148	2.732	3.037	3.116	3.043	2.974	6.00
85) T	sec-Butylbenzene	3.296	3.794	3.225	3.594	3.729	3.606	3.541	6.51
86) T	p-Isopropyltoluen	3.111	3.352	2.932	3.296	3.390	3.331	3.235	5.49
87) T	1,3-Dichlorobenze	1.767	1.758	1.501	1.616	1.715	1.643	1.666	6.08
88) T	1,4-Dichlorobenze	1.849	1.839	1.538	1.640	1.708	1.687	1.710	6.97
89) T	n-Butylbenzene	2.941	3.195	2.675	2.947	3.021	2.989	2.961	5.69
90) T	Hexachloroethane	0.393	0.500	0.454	0.525	0.546	0.554	0.495	12.51
91) T	1,2-Dichlorobenze	1.486	1.693	1.397	1.554	1.579	1.612	1.554	6.60
92) T	1,2-Dibromo-3-Chl	0.245	0.253	0.223	0.242	0.259	0.258	0.247	5.40
93) T	1,2,4-Trichlorobe	1.259	1.138	0.927	1.095	1.177	1.224	1.137	10.40
94) T	Hexachlorobutadie	0.649	0.524	0.439	0.494	0.535	0.521	0.527	13.10
95) T	Naphthalene	3.301	3.560	3.192	3.619	3.897	3.889	3.576	8.16
96) T	1,2,3-Trichlorobe	1.156	1.104	0.958	1.083	1.138	1.200	1.106	7.54

(#) = Out of Range