

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X101722W.M
 Title : SW846 8260
 Last Update : Tue Oct 18 04:18:35 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX032150.D 5 =VX032151.D 20 =VX032153.D 50 =VX032159.D 100 =VX032155.D 10 =VX032152.D

	Compound	1	5	20	50	100	10	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.552	0.505	0.629	0.478	0.548	0.591	0.551	9.99
3) P	Chloromethane	0.598	0.532	0.521	0.472	0.501	0.566	0.532	8.48
4) C	Vinyl Chloride	0.646	0.573	0.567	0.560	0.578	0.630	0.592	6.11#
5) T	Bromomethane		0.482	0.453	0.402	0.390	0.466	0.438	9.28
6) T	Chloroethane	0.450	0.501	0.488	0.385	0.423	0.391	0.440	11.08
7) T	Trichlorofluor...	0.929	0.892	1.045	0.842	0.861	0.977	0.924	8.25
8) T	Diethyl Ether	0.261	0.315	0.359	0.281	0.293	0.324	0.306	11.33
9) T	1,1,2-Trichlor...	0.408	0.430	0.513	0.408	0.411	0.451	0.437	9.41
10) T	Methyl Iodide		0.405	0.615	0.596	0.539	0.493	0.530	16.00
11) T	Tert butyl alc...		0.115	0.130	0.081	0.098	0.124	0.110	18.47
12) CM	1,1-Dichloroet...	0.444	0.375	0.472	0.372	0.389	0.397	0.408	10.00#
13) T	Acrolein		0.096	0.107	0.071	0.085	0.102	0.092	15.29
14) T	Allyl chloride	0.582	0.541	0.844	0.795	0.740	0.824	0.721	17.90
15) T	Acrylonitrile	0.228	0.209	0.324	0.246	0.267	0.303	0.263	16.84
16) T	Acetone	0.215	0.179	0.221	0.169	0.168	0.196	0.191	12.11
17) T	Carbon Disulfide	1.023	0.820	1.150	1.173	1.012	0.966	1.024	12.58
18) T	Methyl Acetate	0.640	0.595	0.967	0.758	0.801	0.916	0.780	18.86
19) T	Methyl tert-bu...	1.455	1.269	2.021	1.711	1.821	1.888	1.694	16.67
20) T	Methylene Chlo...	0.661	0.499	0.655	0.537	0.551	0.629	0.589	11.57
21) T	trans-1,2-Dich...	0.568	0.443	0.637	0.526	0.553	0.590	0.553	11.85
22) T	Diisopropyl ether	1.714	1.708	1.980	1.693	1.793	1.862	1.792	6.28
23) T	Vinyl Acetate	1.231	1.297	1.608	1.357	1.461	1.443	1.400	9.60
24) P	1,1-Dichloroet...	1.065	1.025	1.113	0.967	1.014	1.082	1.044	5.02
25) T	2-Butanone	0.435	0.397	0.462	0.356	0.375	0.429	0.409	9.73
26) T	2,2-Dichloropr...	0.768	0.769	0.890	0.848	0.863	0.793	0.822	6.32
27) T	cis-1,2-Dichlo...	0.621	0.656	0.742	0.628	0.654	0.690	0.665	6.75
28) T	Bromochloromet...	0.459	0.438	0.448	0.383	0.394	0.439	0.427	7.18
29) T	Tetrahydrofuran	0.246	0.247	0.252	0.222	0.244	0.261	0.245	5.20
30) C	Chloroform	1.169	1.129	1.058	1.103	1.165	1.234	1.143	5.30#
31) T	Cyclohexane		0.866	0.870	0.858	0.894	0.950	0.887	4.20
32) T	1,1,1-Trichlor...	0.927	0.947	0.935	1.001	1.064	1.037	0.985	5.84
33) S	1,2-Dichloroet...		0.806	0.852	0.721	0.774	0.828	0.796	6.42
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.349	0.289	0.335	0.351	0.382	0.341	9.92
36) T	1,1-Dichloropr...	0.545	0.452	0.456	0.496	0.506	0.508	0.494	7.10
37) T	Ethyl Acetate	0.531	0.501	0.473	0.444	0.481	0.542	0.495	7.44
38) T	Carbon Tetrach...	0.503	0.488	0.469	0.551	0.570	0.555	0.523	7.90
39) T	Methylcyclohexane	0.600	0.548	0.587	0.605	0.604	0.611	0.592	3.95
40) TM	Benzene	1.338	1.352	1.385	1.359	1.386	1.465	1.381	3.28
41) T	Methacrylonitrile	0.237	0.250	0.248	0.254	0.264	0.280	0.255	5.90
42) TM	1,2-Dichloroet...	0.561	0.552	0.585	0.576	0.583	0.611	0.578	3.54
43) T	Isopropyl Acetate	0.710	0.669	0.763	0.738	0.797	0.802	0.746	6.94
44) TM	Trichloroethene	0.412	0.372	0.384	0.370	0.388	0.407	0.389	4.51
45) C	1,2-Dichloropr...	0.319	0.346	0.351	0.341	0.348	0.358	0.344	3.90#
46) T	Dibromomethane	0.279	0.255	0.243	0.259	0.271	0.279	0.264	5.56
47) T	Bromodichlorom...	0.441	0.449	0.495	0.518	0.545	0.506	0.492	8.13
48) T	Methyl methacr...	0.323	0.341	0.394	0.385	0.405	0.422	0.378	10.10
49) T	1,4-Dioxane	0.008	0.008	0.008	0.007	0.007	0.009	0.008	11.14
50) S	Toluene-d8		1.136	1.001	1.237	1.282	1.326	1.197	10.86
51) T	4-Methyl-2-Pen...	0.427	0.463	0.389	0.456	0.480	0.531	0.458	10.50
52) CM	Toluene	0.862	0.861	0.747	0.914	0.934	0.960	0.880	8.63#
53) T	t-1,3-Dichloro...	0.408	0.399	0.384	0.387	0.586	0.470	0.439	17.93
54) T	cis-1,3-Dichlo...	0.427	0.482	0.459	0.576	0.612	0.537	0.516	13.88
55) T	1,1,2-Trichlor...	0.316	0.338	0.318	0.273	0.373	0.385	0.334	12.22
56) T	Ethyl methacry...	0.438	0.450	0.449	0.407	0.581	0.536	0.477	13.92

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57)	T	1,3-Dichloropr...	0.570	0.565	0.623	0.460	0.631	0.665	0.585	12.33
58)	T	2-Chloroethyl ...	0.246	0.232	0.191	0.238	0.251	0.259	0.236	10.12
59)	T	2-Hexanone	0.312	0.335	0.378	0.261	0.358	0.390	0.339	14.08
60)	T	Dibromochlorom...	0.312	0.312	0.367	0.286	0.420	0.376	0.345	14.60
61)	T	1,2-Dibromoethane	0.349	0.363	0.394	0.293	0.404	0.361	0.361	10.85
62)	S	4-Bromofluorob...		0.397	0.454	0.428	0.523	0.476	0.456	10.46
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.449	0.383	0.406	0.412	0.413	0.430	0.416	5.41
65)	PM	Chlorobenzene	1.168	1.055	1.078	1.073	1.075	1.144	1.099	4.17
66)	T	1,1,1,2-Tetrac...	0.340	0.347	0.389	0.390	0.413	0.405	0.381	7.95
67)	C	Ethyl Benzene	1.902	1.805	1.939	1.925	1.967	2.046	1.931	4.10#
68)	T	m/p-Xylenes	0.709	0.689	0.742	0.764	0.757	0.782	0.740	4.76
69)	T	o-Xylene	0.719	0.664	0.726	0.746	0.754	0.762	0.729	4.89
70)	T	Styrene	1.045	1.075	1.190	1.255	1.273	1.226	1.177	8.12
71)	P	Bromoform	0.231	0.241	0.260	0.291	0.318	0.266	0.268	12.03
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.679	3.807	3.863	2.902	4.364	4.069	3.781	13.04
74)	T	N-ethyl acetate	1.155	1.246	1.426	1.096	1.679	1.339	1.324	15.96
75)	P	1,1,2,2-Tetrac...	1.236	1.174	1.202	1.080	1.272	1.308	1.212	6.64
76)	T	1,2,3-Trichlor...	1.024	1.066	1.120	0.921	1.213	1.161	1.084	9.62
77)	T	Bromobenzene	0.881	0.924	0.900	0.854	1.015	0.948	0.920	6.16
78)	T	n-propylbenzene	4.299	4.267	4.516	4.420	4.986	4.692	4.530	6.00
79)	T	2-Chlorotoluene	2.863	2.677	2.760	2.615	3.026	2.851	2.798	5.28
80)	T	1,3,5-Trimethy...	3.036	3.167	3.309	3.294	3.795	3.421	3.337	7.81
81)	T	trans-1,4-Dich...		0.217	0.277	0.250	0.398	0.267	0.282	24.54
82)	T	4-Chlorotoluene	3.387	3.028	3.177	3.099	3.616	3.259	3.261	6.57
83)	T	tert-Butylbenzene	3.306	3.143	3.202	3.059	3.641	3.346	3.283	6.23
84)	T	1,2,4-Trimethy...	3.090	3.194	3.391	3.231	3.771	3.470	3.358	7.29
85)	T	sec-Butylbenzene	3.883	3.788	4.069	4.019	4.662	4.229	4.108	7.57
86)	T	p-Isopropyltol...	3.529	3.139	3.493	3.462	3.398	3.498	3.420	4.23
87)	T	1,3-Dichlorobe...	1.909	1.737	1.728	1.702	1.780	1.815	1.779	4.24
88)	T	1,4-Dichlorobe...	2.039	1.714	1.759	1.716	1.839	1.831	1.816	6.70
89)	T	n-Butylbenzene	2.854	2.677	3.019	3.125	2.825	2.417	2.820	8.93
90)	T	Hexachloroethane	0.424	0.452	0.512	0.544	0.512	0.403	0.475	11.86
91)	T	1,2-Dichlorobe...	2.034	1.684	1.737	1.690	1.503	1.549	1.700	11.00
92)	T	1,2-Dibromo-3-...	0.135	0.234	0.276	0.253	0.214	0.184	0.216	23.49
93)	T	1,2,4-Trichlor...	0.771	0.979	1.065	1.091	0.936	0.822	0.944	13.61
94)	T	Hexachlorobuta...	0.356	0.432	0.443	0.468	0.371	0.304	0.396	15.75
95)	T	Naphthalene	2.543	3.291	3.538	3.525	3.178	2.853	3.154	12.43
96)	T	1,2,3-Trichlor...	0.811	0.988	1.088	1.075	0.938	0.771	0.945	14.01

(#) = Out of Range