

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X100124W.M
 Title : SW846 8260
 Last Update : Wed Oct 02 16:50:57 2024
 Response Via : Initial Calibration

Calibration Files

1 =VX043207.D 5 =VX043208.D 20 =VX043209.D 50 =VX043210.D 100 =VX043211.D 150 =VX043212.D

D

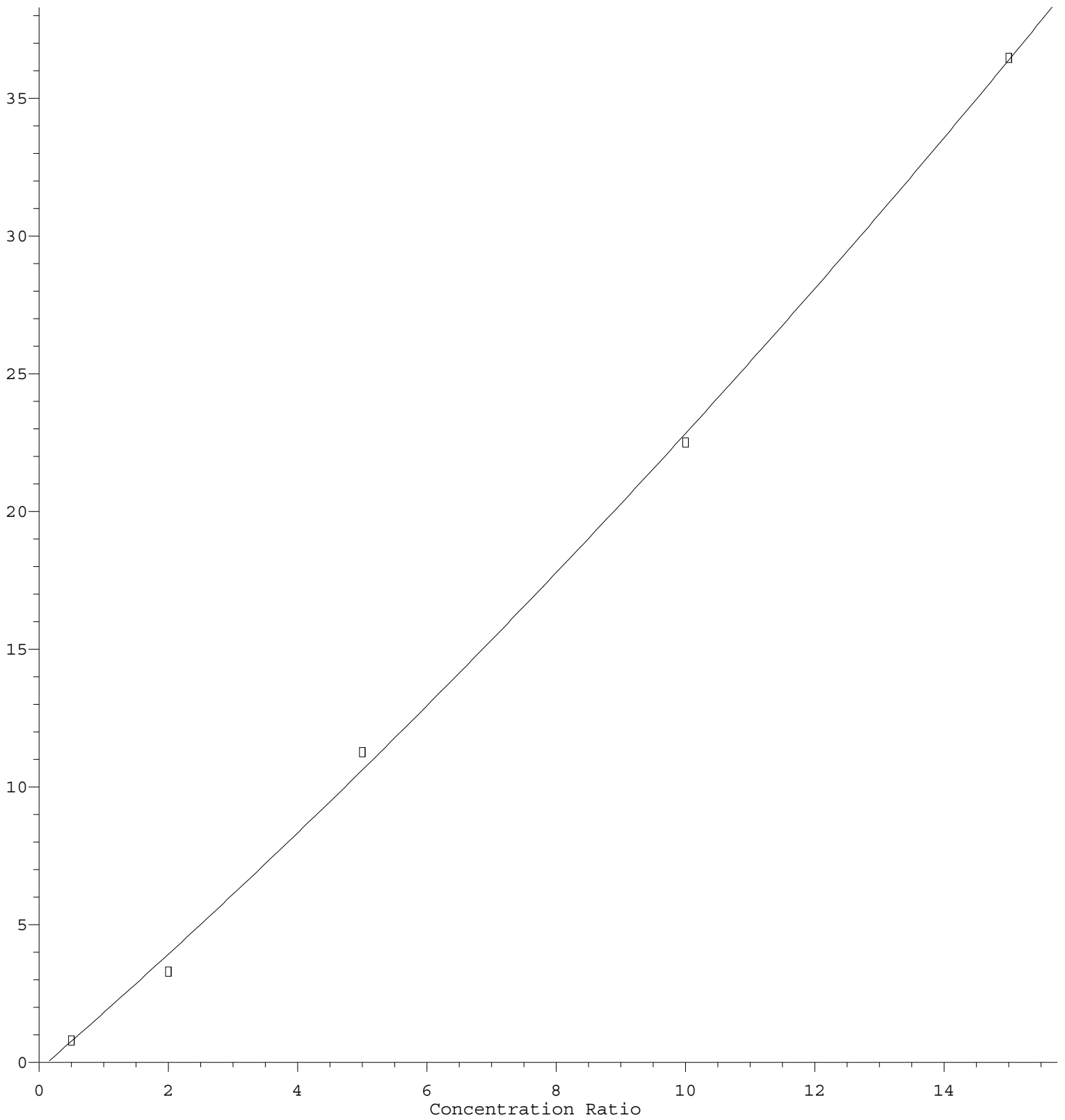
	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.558	0.532	0.539	0.599	0.608	0.654	0.582	8.11
3) P	Chloromethane	0.673	0.565	0.559	0.601	0.567	0.629	0.599	7.50
4) C	Vinyl Chloride	0.564	0.582	0.580	0.603	0.607	0.664	0.600	5.86#
5) T	Bromomethane		0.247	0.219	0.239	0.245	0.275	0.245	8.18
6) T	Chloroethane	0.277	0.207	0.207	0.225	0.209	0.215	0.223	12.08
7) T	Trichlorofluor...	0.969	0.869	0.860	0.869	0.864	0.948	0.896	5.40
8) T	Diethyl Ether	0.347	0.341	0.334	0.344	0.350	0.377	0.349	4.31
9) T	1,1,2-Trichlor...	0.531	0.536	0.534	0.559	0.584	0.612	0.559	5.89
10) T	Methyl Iodide		0.645	0.683	0.719	0.726	0.740	0.703	5.51
11) T	Tert butyl alc...		0.139	0.151	0.160	0.157	0.171	0.155	7.54
12) CM	1,1-Dichloroet...	0.579	0.529	0.525	0.549	0.548	0.604	0.556	5.48#
13) T	Acrolein		0.147	0.129	0.147	0.148	0.164	0.147	8.39
14) T	Allyl chloride	0.996	0.889	0.898	0.913	0.862	0.919	0.913	4.98
15) T	Acrylonitrile	0.323	0.312	0.308	0.320	0.311	0.331	0.317	2.76
16) T	Acetone	0.414	0.361	0.337	0.317	0.303	0.314	0.341	12.05
17) T	Carbon Disulfide	1.388	1.238	1.288	1.321	1.361	1.512	1.351	7.01
18) T	Methyl Acetate	0.890	0.787	0.739	0.891	0.881	0.945	0.855	8.94
19) T	Methyl tert-bu...	1.862	1.948	1.944	1.993	2.016	2.162	1.987	5.05
20) T	Methylene Chlo...	0.676	0.629	0.599	0.612	0.604	0.652	0.629	4.77
21) T	trans-1,2-Dich...	0.514	0.537	0.545	0.550	0.563	0.608	0.553	5.68
22) T	Diisopropyl ether	1.773	1.801	1.795	1.837	1.822	1.987	1.836	4.21
23) T	Vinyl Acetate	1.464	1.593	1.648	2.252	2.250	2.431	1.940	21.48
24) P	1,1-Dichloroet...	0.962	1.057	1.056	1.073	1.102	1.166	1.069	6.25
25) T	2-Butanone	0.459	0.480	0.466	0.471	0.452	0.478	0.468	2.31
26) T	2,2-Dichloropr...	1.017	0.990	0.983	1.009	1.024	1.082	1.018	3.47
27) T	cis-1,2-Dichlo...	0.654	0.682	0.674	0.683	0.695	0.750	0.690	4.71
28) T	Bromochloromet...	0.504	0.474	0.348	0.404	0.381	0.420	0.422	13.77
29) T	Tetrahydrofuran	0.321	0.297	0.285	0.292	0.286	0.306	0.298	4.58
30) C	Chloroform	1.171	1.174	1.148	1.151	1.161	1.242	1.174	2.94#
31) T	Cyclohexane		0.873	0.880	0.860	0.875	0.917	0.881	2.45
32) T	1,1,1-Trichlor...	1.020	1.050	1.046	1.083	1.100	1.173	1.079	5.03
33) S	1,2-Dichloroet...		0.802	0.779	0.814	0.788	0.900	0.817	5.92
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.331	0.329	0.340	0.339	0.384	0.345	6.51
36) T	1,1-Dichloropr...	0.431	0.425	0.422	0.433	0.438	0.464	0.436	3.49
37) T	Ethyl Acetate	0.524	0.513	0.521	0.520	0.516	0.544	0.523	2.12
38) T	Carbon Tetrach...	0.474	0.491	0.505	0.527	0.531	0.566	0.516	6.30
39) T	Methylcyclohexane	0.502	0.525	0.552	0.550	0.569	0.590	0.548	5.74
40) TM	Benzene	1.289	1.310	1.314	1.314	1.308	1.389	1.321	2.64
41) T	Methacrylonitrile	0.248	0.260	0.264	0.289	0.278	0.295	0.272	6.67
42) TM	1,2-Dichloroet...	0.516	0.523	0.539	0.545	0.536	0.569	0.538	3.45
43) T	Isopropyl Acetate	0.812	0.844	0.844	0.890	0.865	0.929	0.864	4.76
44) TM	Trichloroethene	0.370	0.322	0.345	0.342	0.348	0.375	0.350	5.58
45) C	1,2-Dichloropr...	0.306	0.319	0.322	0.328	0.324	0.346	0.324	4.06#
46) T	Dibromomethane	0.237	0.257	0.255	0.263	0.262	0.285	0.260	5.95
47) T	Bromodichlorom...	0.462	0.477	0.499	0.527	0.528	0.570	0.511	7.71
48) T	Methyl methacr...	0.431	0.406	0.401	0.435	0.421	0.451	0.424	4.44
49) T	1,4-Dioxane	0.007	0.008	0.008	0.009	0.009	0.009	0.008	9.31
50) S	Toluene-d8		1.148	1.165	1.217	1.147	1.298	1.195	5.39
51) T	4-Methyl-2-Pen...	0.514	0.520	0.522	0.543	0.514	0.537	0.525	2.32
52) CM	Toluene	0.798	0.819	0.829	0.845	0.811	0.865	0.828	2.91#
53) T	t-1,3-Dichloro...	0.431	0.459	0.496	0.542	0.535	0.581	0.507	11.03
54) T	cis-1,3-Dichlo...	0.499	0.518	0.529	0.560	0.556	0.603	0.544	6.77
55) T	1,1,2-Trichlor...	0.316	0.329	0.328	0.340	0.320	0.341	0.329	3.12

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56)	T	Ethyl methacry...	0.443	0.503	0.543	0.581	0.561	0.596	0.538	10.53
57)	T	1,3-Dichloropr...	0.516	0.585	0.560	0.578	0.546	0.577	0.560	4.62
58)	T	2-Chloroethyl ...	0.190	0.245	0.236	0.265	0.253	0.266	0.242	11.66
59)	T	2-Hexanone	0.373	0.390	0.397	0.413	0.396	0.412	0.397	3.77
60)	T	Dibromochlorom...	0.343	0.348	0.369	0.407	0.394	0.430	0.382	8.98
61)	T	1,2-Dibromoethane	0.354	0.331	0.353	0.364	0.346	0.372	0.353	4.02
62)	S	4-Bromofluorob...	0.404	0.413	0.453	0.421	0.480	0.434		7.29
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.335	0.343	0.345	0.343	0.345	0.371	0.347	3.52
65)	PM	Chlorobenzene	1.110	1.030	1.033	1.058	1.065	1.154	1.075	4.48
66)	T	1,1,1,2-Tetrac...	0.337	0.373	0.363	0.389	0.390	0.428	0.380	8.07
67)	C	Ethyl Benzene	1.795	1.770	1.816	1.887	1.857	2.023	1.858	4.90#
68)	T	m/p-Xylenes	0.698	0.683	0.682	0.704	0.692	0.755	0.702	3.87
69)	T	o-Xylene	0.704	0.689	0.668	0.693	0.685	0.747	0.698	3.85
70)	T	Styrene	1.016	1.067	1.111	1.165	1.164	1.262	1.131	7.63
71)	P	Bromoform	0.236	0.244	0.280	0.305	0.323	0.358	0.291	16.21
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.742	3.936	3.886	3.910	3.776	4.075	3.887	3.08
74)	T	N-amyl acetate	1.709	1.798	1.820	1.841	1.869	2.035	1.845	5.83
75)	P	1,1,2,2-Tetrac...	1.243	1.295	1.243	1.248	1.238	1.332	1.266	3.04
76)	T	1,2,3-Trichlor...	1.099	1.219	1.091	1.071	1.053	1.121	1.109	5.27
77)	T	Bromobenzene	1.004	0.922	0.927	0.928	0.901	0.994	0.946	4.47
78)	T	n-propylbenzene	4.033	4.036	4.228	4.392	4.253	4.663	4.268	5.57
79)	T	2-Chlorotoluene	2.879	2.828	2.661	2.668	2.608	2.818	2.744	4.05
80)	T	1,3,5-Trimethy...	3.167	3.136	3.266	3.183	3.116	3.371	3.207	2.99
81)	T	trans-1,4-Dich...	0.379	0.397	0.419	0.451	0.493	0.428		10.63
82)	T	4-Chlorotoluene	3.213	3.120	3.050	3.075	3.003	3.291	3.125	3.45
83)	T	tert-Butylbenzene	3.296	3.325	3.271	3.265	3.220	3.445	3.304	2.35
84)	T	1,2,4-Trimethy...	3.197	3.151	3.230	3.229	3.148	3.403	3.226	2.91
85)	T	sec-Butylbenzene	3.671	3.809	3.927	3.946	3.898	4.247	3.916	4.88
86)	T	p-Isopropyltol...	3.016	3.122	3.281	3.300	3.305	3.581	3.267	5.89
87)	T	1,3-Dichlorobe...	1.609	1.634	1.642	1.629	1.666	1.819	1.666	4.60
88)	T	1,4-Dichlorobe...	1.848	1.672	1.662	1.639	1.665	1.823	1.718	5.35
89)	T	n-Butylbenzene	2.418	2.350	2.609	2.830	2.943	3.263	2.735	12.62
90)	T	Hexachloroethane	0.523	0.546	0.587	0.631	0.653	0.737	0.613	12.75
91)	T	1,2-Dichlorobe...	1.774	1.720	1.690	1.650	1.636	1.755	1.704	3.27
92)	T	1,2-Dibromo-3-...	0.290	0.281	0.298	0.312	0.324	0.351	0.309	8.26
93)	T	1,2,4-Trichlor...	0.865	0.837	0.944	1.001	1.058	1.190	0.983	13.31
94)	T	Hexachlorobuta...	0.367	0.349	0.380	0.402	0.404	0.435	0.389	7.86
95)	T	Naphthalene	3.516	3.252	3.385	3.584	3.768	4.166	3.612	8.95
96)	T	1,2,3-Trichlor...	0.957	0.918	0.957	1.016	1.056	1.179	1.014	9.33

(#) = Out of Range

Vinyl Acetate

Response Ratio



$R = 2.679e-002 A^2 + 2.041e+000 A - 2.592e-001$
 Coef of Det (r^2) = 0.999074 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X100124W.M
 Calibration Table Last Updated: Wed Oct 02 16:50:57 2024