

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X121323W.M
 Title : SW846 8260
 Last Update : Thu Dec 14 01:28:15 2023
 Response Via : Initial Calibration

Calibration Files

1 =VX039180.D 5 =VX039181.D 20 =VX039182.D 50 =VX039183.D 100 =VX039184.D 150 =VX039185.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.695	0.647	0.654	0.727	0.727	0.766	0.703	6.58
3) P	Chloromethane	0.789	0.740	0.760	0.785	0.776	0.823	0.779	3.64
4) C	Vinyl Chloride	0.726	0.722	0.725	0.714	0.707	0.753	0.724	2.18#
5) T	Bromomethane		0.459	0.431	0.456	0.362	0.376	0.417	10.86
6) T	Chloroethane	0.534	0.436	0.415	0.415	0.406	0.413	0.437	11.20
7) T	Trichlorofluor...	1.071	1.030	1.087	1.055	1.038	1.084	1.061	2.26
8) T	Diethyl Ether	0.359	0.366	0.376	0.366	0.356	0.379	0.367	2.48
9) T	1,1,2-Trichlor...	0.671	0.640	0.667	0.637	0.619	0.649	0.647	3.05
10) T	Methyl Iodide		0.605	0.678	0.668	0.679	0.716	0.669	5.98
11) T	Tert butyl alc...		0.253	0.225	0.221	0.222	0.229	0.230	5.84
12) CM	1,1-Dichloroet...	0.654	0.639	0.661	0.640	0.618	0.646	0.643	2.35#
13) T	Acrolein		0.180	0.171	0.180	0.182	0.204	0.183	6.69
14) T	Allyl chloride	1.318	1.260	1.337	1.285	1.280	1.335	1.303	2.46
15) T	Acrylonitrile	0.467	0.462	0.479	0.459	0.447	0.447	0.460	2.66
16) T	Acetone	0.818	0.812	0.838	0.513	0.490	0.495	0.661	26.89
17) T	Carbon Disulfide	1.981	1.770	1.894	1.855	1.853	1.937	1.882	3.92
18) T	Methyl Acetate	1.974	1.928	1.984	2.007	1.976	2.017	1.981	1.57
19) T	Methyl tert-bu...	2.392	2.256	2.392	2.278	2.241	2.394	2.325	3.20
20) T	Methylene Chlo...	0.833	0.755	0.776	0.736	0.719	0.762	0.764	5.20
21) T	trans-1,2-Dich...	0.734	0.695	0.723	0.691	0.665	0.690	0.700	3.58
22) T	Diisopropyl ether	2.368	2.411	2.486	2.338	2.258	2.365	2.371	3.21
23) T	Vinyl Acetate	1.596	1.775	1.898	1.788	1.733	1.800	1.765	5.63
24) P	1,1-Dichloroet...	1.356	1.326	1.391	1.310	1.294	1.365	1.340	2.72
25) T	2-Butanone	0.887	0.863	0.906	0.703	0.685	0.700	0.790	13.25
26) T	2,2-Dichloropr...	1.142	1.158	1.193	1.149	1.156	1.222	1.170	2.65
27) T	cis-1,2-Dichlo...	0.676	0.790	0.824	0.779	0.763	0.801	0.772	6.69
28) T	Bromochloromet...	0.561	0.611	0.685	0.690	0.658	0.719	0.654	8.89
29) T	Tetrahydrofuran	0.434	0.432	0.457	0.439	0.425	0.433	0.436	2.47
30) C	Chloroform	1.353	1.320	1.385	1.306	1.294	1.378	1.339	2.85#
31) T	Cyclohexane		1.164	1.262	1.176	1.137	1.176	1.183	3.97
32) T	1,1,1-Trichlor...	1.105	1.134	1.199	1.162	1.156	1.220	1.163	3.60
33) S	1,2-Dichloroet...		0.991	0.877	0.857	0.891	0.964	0.916	6.39
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.362	0.336	0.326	0.340	0.363	0.345	4.68
36) T	1,1-Dichloropr...	0.541	0.543	0.558	0.540	0.532	0.556	0.545	1.84
37) T	Ethyl Acetate	0.654	0.653	0.712	0.676	0.664	0.682	0.673	3.27
38) T	Carbon Tetrach...	0.495	0.485	0.526	0.525	0.530	0.560	0.520	5.15
39) T	Methylcyclohexane	0.661	0.642	0.677	0.649	0.639	0.661	0.655	2.19
40) TM	Benzene	1.496	1.552	1.605	1.534	1.502	1.562	1.542	2.63
41) T	Methacrylonitrile	0.341	0.333	0.380	0.368	0.356	0.377	0.359	5.38
42) TM	1,2-Dichloroet...	0.599	0.598	0.650	0.623	0.620	0.655	0.624	3.88
43) T	Isopropyl Acetate	1.031	1.071	1.144	1.096	1.087	1.142	1.095	3.94
44) TM	Trichloroethene	0.408	0.384	0.398	0.378	0.374	0.392	0.389	3.36
45) C	1,2-Dichloropr...	0.393	0.421	0.424	0.412	0.406	0.426	0.414	3.11#
46) T	Dibromomethane	0.293	0.279	0.299	0.287	0.287	0.301	0.291	2.83
47) T	Bromodichlorom...	0.485	0.536	0.579	0.567	0.570	0.600	0.556	7.26
48) T	Methyl methacr...	0.554	0.634	0.668	0.653	0.649	0.682	0.640	7.06
49) T	1,4-Dioxane	0.008	0.008	0.009	0.009	0.009	0.010	0.009	8.98
50) S	Toluene-d8		1.374	1.255	1.222	1.248	1.313	1.282	4.77
51) T	4-Methyl-2-Pen...	0.662	0.701	0.741	0.700	0.686	0.695	0.698	3.68
52) CM	Toluene	0.907	0.920	0.983	0.929	0.906	0.938	0.931	3.04#
53) T	t-1,3-Dichloro...	0.521	0.555	0.636	0.630	0.644	0.689	0.612	10.21
54) T	cis-1,3-Dichlo...	0.620	0.611	0.681	0.670	0.667	0.703	0.659	5.45
55) T	1,1,2-Trichlor...	0.384	0.388	0.401	0.381	0.378	0.400	0.389	2.55
56) T	Ethyl methacry...	0.369	0.454	0.501	0.496	0.496	0.528	0.474	11.91

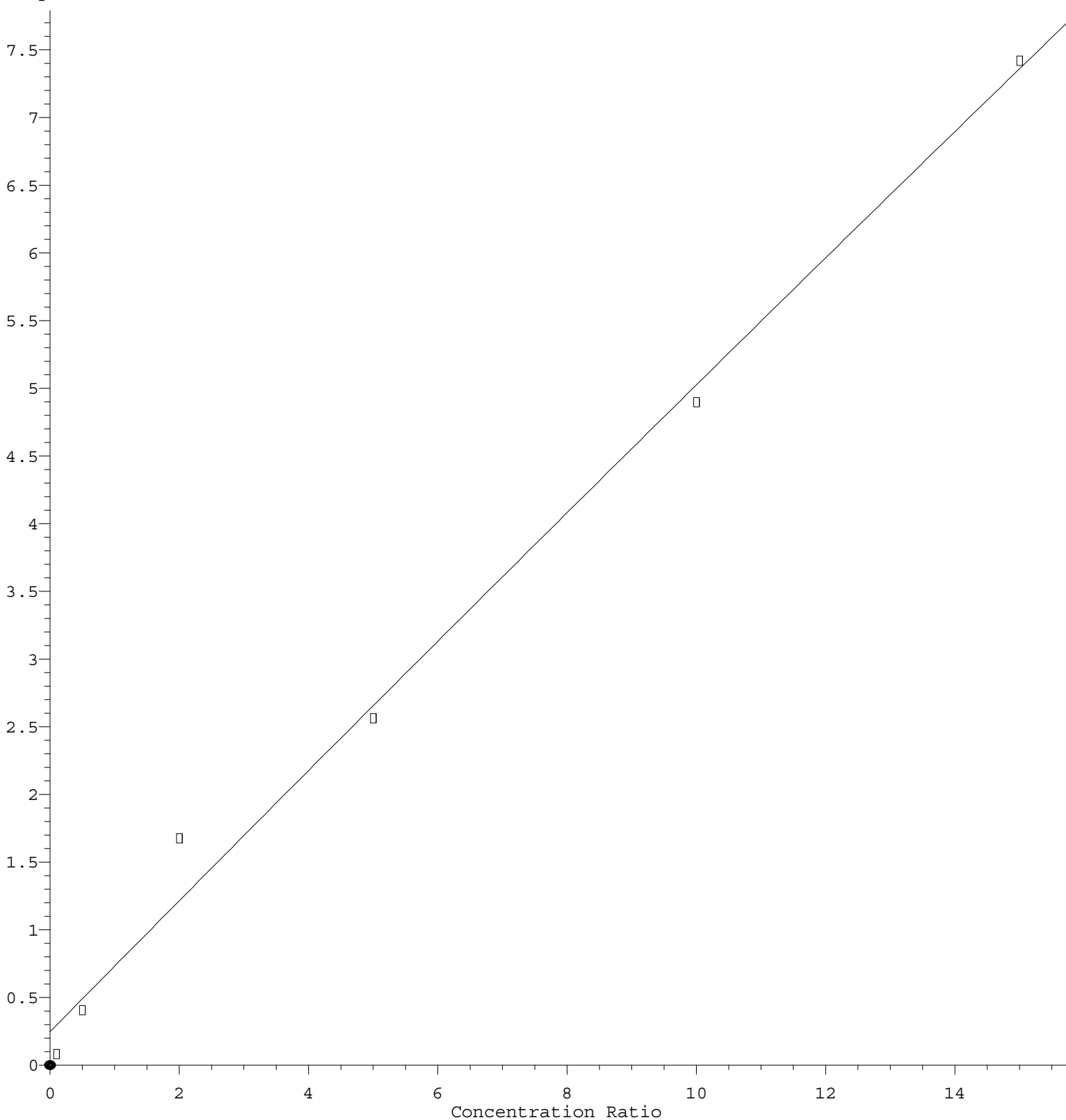
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X121323W.M

57)	T	1,3-Dichloropr...	0.654	0.660	0.705	0.665	0.657	0.690	0.672	3.09
58)	T	2-Chloroethyl ...	0.207	0.279	0.292	0.291	0.286	0.315	0.279	13.19
59)	T	2-Hexanone	0.578	0.648	0.689	0.568	0.566	0.564	0.602	8.86
60)	T	Dibromochlorom...	0.356	0.358	0.408	0.395	0.405	0.436	0.393	7.89
61)	T	1,2-Dibromoethane	0.392	0.402	0.435	0.417	0.412	0.431	0.415	3.96
62)	S	4-Bromofluorob...	0.555	0.510	0.492	0.526	0.562	0.529		5.60
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.344	0.342	0.343	0.310	0.302	0.320	0.327	5.72
65)	PM	Chlorobenzene	1.165	1.083	1.140	1.049	1.023	1.087	1.091	4.90
66)	T	1,1,1,2-Tetrac...	0.366	0.365	0.403	0.382	0.383	0.414	0.385	5.07
67)	C	Ethyl Benzene	1.980	2.026	2.170	2.013	1.942	2.058	2.031	3.86#
68)	T	m/p-Xylenes	0.720	0.726	0.785	0.719	0.695	0.725	0.728	4.09
69)	T	o-Xylene	0.685	0.700	0.743	0.698	0.679	0.720	0.704	3.35
70)	T	Styrene	0.878	1.034	1.112	1.030	1.025	1.099	1.030	8.06
71)	P	Bromoform	0.219	0.260	0.295	0.294	0.310	0.341	0.287	14.74
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.730	3.851	4.143	3.852	3.673	3.898	3.858	4.24
74)	T	N-ethyl acetate	1.606	1.802	2.104	1.998	2.035	2.166	1.952	10.74
75)	P	1,1,2,2-Tetrac...	1.358	1.469	1.545	1.419	1.372	1.449	1.435	4.78
76)	T	1,2,3-Trichlor...	1.304	1.302	1.398	1.291	1.215	1.251	1.294	4.76
77)	T	Bromobenzene	0.799	0.872	0.902	0.844	0.825	0.877	0.853	4.43
78)	T	n-propylbenzene	4.575	4.765	5.094	4.728	4.548	4.807	4.753	4.14
79)	T	2-Chlorotoluene	2.947	2.866	3.029	2.801	2.727	2.881	2.875	3.70
80)	T	1,3,5-Trimethy...	2.934	3.361	3.585	3.284	3.193	3.362	3.286	6.57
81)	T	trans-1,4-Dich...	0.361	0.467	0.465	0.478	0.523	0.459		12.98
82)	T	4-Chlorotoluene	3.267	3.463	3.612	3.317	3.223	3.378	3.377	4.23
83)	T	tert-Butylbenzene	2.897	3.110	3.332	3.117	3.036	3.274	3.128	5.06
84)	T	1,2,4-Trimethy...	3.156	3.365	3.590	3.357	3.273	3.480	3.370	4.52
85)	T	sec-Butylbenzene	3.810	3.940	4.267	3.926	3.857	4.080	3.980	4.22
86)	T	p-Isopropyltol...	3.238	3.248	3.505	3.316	3.266	3.468	3.340	3.51
87)	T	1,3-Dichlorobe...	1.700	1.686	1.744	1.634	1.600	1.691	1.676	3.06
88)	T	1,4-Dichlorobe...	1.981	1.732	1.818	1.632	1.609	1.699	1.745	7.87
89)	T	n-Butylbenzene	2.906	3.211	3.464	3.332	3.314	3.472	3.283	6.38
90)	T	Hexachloroethane	0.562	0.492	0.613	0.621	0.641	0.691	0.603	11.36
91)	T	1,2-Dichlorobe...	1.611	1.674	1.706	1.560	1.488	1.583	1.604	4.93
92)	T	1,2-Dibromo-3-...	0.298	0.361	0.392	0.405	0.387	0.425	0.378	11.69
93)	T	1,2,4-Trichlor...	1.059	1.004	1.096	1.044	1.002	1.094	1.050	3.96
94)	T	Hexachlorobuta...	0.388	0.408	0.405	0.381	0.380	0.412	0.396	3.67
95)	T	Naphthalene	3.154	3.511	3.885	3.734	3.653	4.004	3.657	8.23
96)	T	1,2,3-Trichlor...	0.971	1.014	1.062	0.996	0.982	1.056	1.014	3.77

(#) = Out of Range

Acetone

Response Ratio



$R = -7.266e-004 A^2 + 4.850e-001 A + 2.481e-001$
 Coef of Det (r^2) = 0.992684 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X121323W.M
 Calibration Table Last Updated: Thu Dec 14 01:28:15 2023