

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X100323W.M
 Title : SW846 8260
 Last Update : Wed Oct 04 09:08:35 2023
 Response Via : Initial Calibration

Calibration Files

1 =VX038041.D 5 =VX038040.D 20 =VX038043.D 50 =VX038034.D 100 =VX038035.D 10 =VX038042.D

	Compound	1	5	20	50	100	10	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.479	0.414	0.473	0.518	0.580	0.526	0.498	11.34
3) P	Chloromethane	0.851	0.625	0.554	0.667	0.599	0.639	0.656	15.67
4) C	Vinyl Chloride	0.607	0.549	0.539	0.621	0.598	0.637	0.592	6.65#
5) T	Bromomethane	0.991	0.833	0.693	0.754	0.621	0.778	0.778	18.29
6) T	Chloroethane	0.531	0.427	0.346	0.481	0.434	0.448	0.444	13.81
7) T	Trichlorofluor...	1.226	1.118	1.288	1.112	1.096	1.167	1.168	6.46
8) T	Diethyl Ether	0.442	0.417	0.463	0.413	0.403	0.425	0.427	5.10
9) T	1,1,2-Trichlor...	0.552	0.504	0.515	0.497	0.487	0.496	0.508	4.60
10) T	Methyl Iodide	0.453	0.545	0.580	0.645	0.399	0.524	0.524	18.80
11) T	Tert butyl alc...	0.191	0.161	0.170	0.171	0.180	0.175	0.175	6.43
12) CM	1,1-Dichloroet...	0.468	0.461	0.483	0.493	0.477	0.459	0.473	2.77#
13) T	Acrolein	0.099	0.113	0.095	0.102	0.090	0.100	0.100	8.70
14) T	Allyl chloride	0.835	0.792	0.868	0.860	0.877	0.802	0.839	4.22
15) T	Acrylonitrile	0.365	0.341	0.373	0.376	0.370	0.354	0.363	3.68
16) T	Acetone	0.374	0.333	0.353	0.326	0.317	0.348	0.342	6.11
17) T	Carbon Disulfide	1.549	1.242	1.266	1.364	1.391	1.223	1.339	9.19
18) T	Methyl Acetate	1.455	1.366	1.560	1.498	1.478	1.456	1.469	4.34
19) T	Methyl tert-bu...	1.742	1.710	1.926	1.904	1.906	1.782	1.828	5.20
20) T	Methylene Chlo...	1.170	0.661	0.624	0.616	0.600	0.634	0.717	31.02
21) T	trans-1,2-Dich...	0.559	0.553	0.598	0.586	0.575	0.540	0.569	3.83
22) T	Diisopropyl ether	1.649	1.655	1.852	1.838	1.834	1.692	1.753	5.57
23) T	Vinyl Acetate	1.065	1.156	1.356	1.391	1.370	1.231	1.261	10.52
24) P	1,1-Dichloroet...	1.092	1.004	1.085	1.081	1.082	1.040	1.064	3.27
25) T	2-Butanone	0.527	0.511	0.563	0.556	0.539	0.536	0.539	3.53
26) T	2,2-Dichloropr...	0.781	0.793	0.885	0.862	0.879	0.814	0.836	5.44
27) T	cis-1,2-Dichlo...	0.636	0.629	0.703	0.683	0.680	0.648	0.663	4.47
28) T	Bromochloromet...	0.455	0.483	0.512	0.543	0.516	0.496	0.501	6.03
29) T	Tetrahydrofuran	0.342	0.316	0.359	0.367	0.360	0.340	0.347	5.37
30) C	Chloroform	1.155	1.076	1.211	1.211	1.192	1.112	1.159	4.82#
31) T	Cyclohexane	0.838	0.931	0.939	0.926	0.915	0.910	0.910	4.53
32) T	1,1,1-Trichlor...	0.899	0.872	1.007	1.046	1.055	0.908	0.964	8.38
33) S	1,2-Dichloroet...	0.828	0.801	0.836	0.761	0.665	0.778	0.778	8.98
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.365	0.353	0.367	0.343	0.287	0.343	0.343	9.58
36) T	1,1-Dichloropr...	0.568	0.480	0.510	0.504	0.495	0.477	0.506	6.53
37) T	Ethyl Acetate	0.449	0.554	0.627	0.616	0.602	0.559	0.568	11.54
38) T	Carbon Tetrach...	0.491	0.475	0.490	0.513	0.516	0.467	0.492	4.00
39) T	Methylcyclohexane	0.587	0.589	0.630	0.615	0.606	0.558	0.597	4.25
40) TM	Benzene	1.422	1.383	1.480	1.473	1.439	1.359	1.426	3.38
41) T	Methacrylonitrile	0.226	0.291	0.302	0.310	0.306	0.272	0.284	11.19
42) TM	1,2-Dichloroet...	0.537	0.540	0.585	0.588	0.568	0.539	0.559	4.27
43) T	Isopropyl Acetate	0.764	0.832	0.925	0.955	0.955	0.847	0.880	8.85
44) TM	Trichloroethene	0.437	0.382	0.386	0.374	0.373	0.358	0.385	7.10
45) C	1,2-Dichloropr...	0.316	0.370	0.381	0.386	0.373	0.352	0.363	7.09#
46) T	Dibromomethane	0.287	0.273	0.285	0.288	0.287	0.267	0.281	3.19
47) T	Bromodichlorom...	0.446	0.450	0.495	0.538	0.533	0.475	0.489	8.16
48) T	Methyl methacr...	0.394	0.399	0.427	0.463	0.454	0.401	0.423	7.02
49) T	1,4-Dioxane	0.009	0.008	0.010	0.010	0.010	0.010	0.009	7.32
50) S	Toluene-d8	1.383	1.345	1.435	1.333	1.068	1.313	1.313	10.84
51) T	4-Methyl-2-Pen...	0.539	0.590	0.636	0.661	0.634	0.608	0.611	7.06
52) CM	Toluene	0.902	0.887	0.939	0.975	0.960	0.876	0.923	4.41#
53) T	t-1,3-Dichloro...	0.429	0.446	0.530	0.598	0.616	0.475	0.516	15.31
54) T	cis-1,3-Dichlo...	0.439	0.521	0.575	0.615	0.627	0.514	0.549	12.96
55) T	1,1,2-Trichlor...	0.337	0.357	0.388	0.401	0.397	0.369	0.375	6.65
56) T	Ethyl methacry...	0.437	0.540	0.586	0.639	0.645	0.532	0.563	13.84

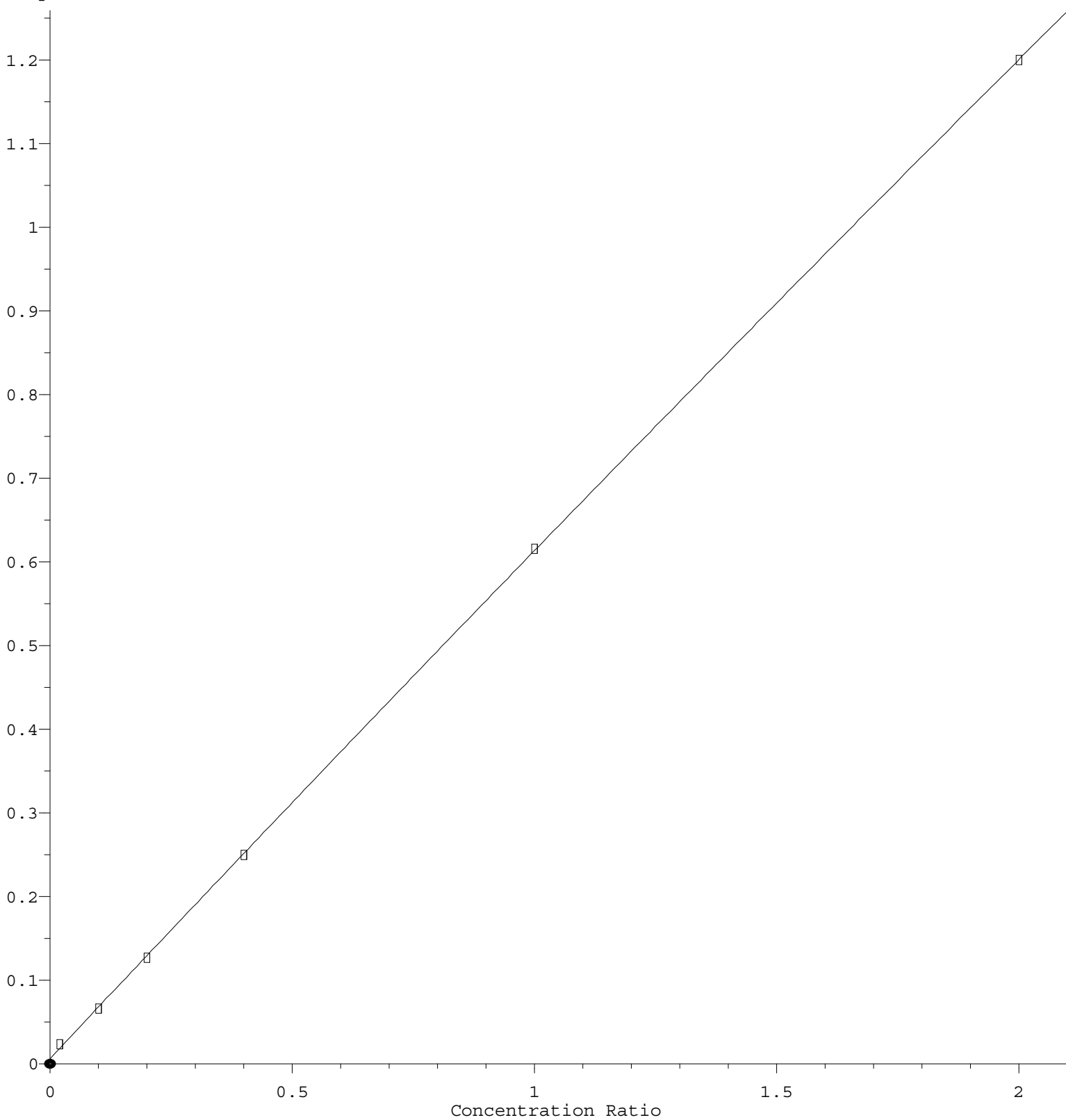
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
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57)	T	1,3-Dichloropr...	0.588	0.609	0.644	0.672	0.654	0.614	0.630	5.01
58)	T	2-Chloroethyl ...	0.229	0.285	0.305	0.321	0.317	0.271	0.288	12.01
59)	T	2-Hexanone	0.425	0.460	0.514	0.538	0.510	0.485	0.489	8.46
60)	T	Dibromochlorom...	0.296	0.319	0.358	0.424	0.433	0.333	0.361	15.65
61)	T	1,2-Dibromoethane	0.362	0.376	0.415	0.449	0.442	0.395	0.406	8.64
62)	S	4-Bromofluorob...	0.494	0.469	0.541	0.503	0.381	0.478	12.55	
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.371	0.324	0.345	0.322	0.324	0.310	0.333	6.51
65)	PM	Chlorobenzene	1.096	1.028	1.071	1.032	1.043	1.027	1.050	2.68
66)	T	1,1,1,2-Tetrac...	0.310	0.328	0.367	0.374	0.392	0.329	0.350	9.23
67)	C	Ethyl Benzene	1.803	1.823	1.974	1.935	1.946	1.848	1.888	3.81#
68)	T	m/p-Xylenes	0.698	0.692	0.759	0.742	0.747	0.701	0.723	4.05
69)	T	o-Xylene	0.631	0.661	0.717	0.718	0.730	0.662	0.687	5.90
70)	T	Styrene	1.026	1.041	1.195	1.212	1.240	1.091	1.134	8.19
71)	P	Bromoform	0.199	0.232	0.268	0.314	0.336	0.247	0.266	19.34
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.208	3.386	3.574	3.431	3.464	3.296	3.393	3.80
74)	T	N-amyl acetate	1.309	1.448	1.656	1.632	1.629	1.488	1.527	8.95
75)	P	1,1,2,2-Tetrac...	1.231	1.265	1.328	1.287	1.258	1.251	1.270	2.66
76)	T	1,2,3-Trichlor...	1.140	1.115	1.216	1.199	1.170	1.110	1.158	3.80
77)	T	Bromobenzene	0.900	0.815	0.845	0.818	0.823	0.792	0.832	4.47
78)	T	n-propylbenzene	4.023	4.195	4.391	4.204	4.199	4.005	4.170	3.40
79)	T	2-Chlorotoluene	2.574	2.362	2.474	2.403	2.416	2.299	2.421	3.91
80)	T	1,3,5-Trimethy...	2.671	2.804	3.065	3.001	3.015	2.773	2.888	5.52
81)	T	trans-1,4-Dich...	0.270	0.345	0.390	0.418	0.292	0.343	18.34	
82)	T	4-Chlorotoluene	3.090	2.875	2.988	2.907	2.900	2.749	2.918	3.92
83)	T	tert-Butylbenzene	2.745	2.786	3.053	2.907	3.003	2.733	2.871	4.78
84)	T	1,2,4-Trimethy...	2.766	2.854	3.048	3.019	3.003	2.786	2.913	4.31
85)	T	sec-Butylbenzene	3.479	3.698	3.940	3.829	3.819	3.575	3.723	4.65
86)	T	p-Isopropyltol...	2.775	3.013	3.231	3.184	3.184	2.908	3.049	5.97
87)	T	1,3-Dichlorobe...	1.925	1.665	1.650	1.625	1.603	1.541	1.668	7.98
88)	T	1,4-Dichlorobe...	2.085	1.719	1.755	1.655	1.622	1.611	1.741	10.19
89)	T	n-Butylbenzene	2.996	2.940	3.198	3.165	3.138	2.823	3.043	4.86
90)	T	Hexachloroethane	0.439	0.463	0.499	0.545	0.577	0.459	0.497	10.91
91)	T	1,2-Dichlorobe...	1.645	1.548	1.645	1.632	1.577	1.478	1.588	4.21
92)	T	1,2-Dibromo-3-...	0.234	0.257	0.318	0.335	0.322	0.268	0.289	14.28
93)	T	1,2,4-Trichlor...	1.350	1.058	1.087	1.073	1.038	1.002	1.101	11.40
94)	T	Hexachlorobuta...	0.562	0.467	0.464	0.462	0.441	0.424	0.470	10.25
95)	T	Naphthalene	3.858	3.501	3.887	3.801	3.723	3.503	3.712	4.63
96)	T	1,2,3-Trichlor...	1.238	1.028	1.060	1.046	1.017	1.001	1.065	8.18

(#) = Out of Range

Methylene Chloride

Response Ratio



$R = -9.932e-003 A^2 + 6.168e-001 A + 6.454e-003$
 Coef of Det (r^2) = 0.999960 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X100323W.M
 Calibration Table Last Updated: Wed Oct 04 09:08:35 2023