

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N121223W.M
 Title : SW846 8260
 Last Update : Wed Dec 13 01:57:14 2023
 Response Via : Initial Calibration

Calibration Files

1 =VN080435.D 5 =VN080434.D 10 =VN080433.D 20 =VN080432.D 50 =VN080431.D 100 =VN080430.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.622	0.676	0.579	0.676	0.626	0.655	0.639	5.90
3) P	Chloromethane	1.122	0.764	0.616	0.692	0.677	0.685	0.759	24.21
4) C	Vinyl Chloride	0.524	0.583	0.484	0.582	0.541	0.561	0.546	7.01#
5) T	Bromomethane		0.287	0.231	0.258	0.230	0.225	0.246	10.69
6) T	Chloroethane	0.363	0.358	0.332	0.390	0.328	0.333	0.351	6.88
7) T	Trichlorofluor...	1.120	1.156	1.010	1.168	1.072	1.115	1.107	5.28
8) T	Diethyl Ether	0.366	0.367	0.299	0.365	0.338	0.357	0.349	7.65
9) T	1,1,2-Trichlor...	0.496	0.547	0.473	0.567	0.532	0.533	0.525	6.55
10) T	Methyl Iodide		0.448	0.403	0.486	0.491	0.479	0.461	7.92
11) T	Tert butyl alc...		0.078	0.071	0.081	0.076	0.070	0.075	6.61
12) CM	1,1-Dichloroet...	0.566	0.554	0.487	0.574	0.514	0.530	0.538	6.19#
13) T	Acrolein		0.099	0.074	0.087	0.075	0.077	0.082	12.94
14) T	Allyl chloride	0.690	0.680	0.603	0.702	0.647	0.667	0.665	5.35
15) T	Acrylonitrile	0.193	0.230	0.195	0.232	0.214	0.211	0.213	7.74
16) T	Acetone	0.097	0.091	0.121	0.106	0.135	0.129	0.113	15.60
17) T	Carbon Disulfide	1.662	1.580	1.362	1.587	1.454	1.495	1.523	7.08
18) T	Methyl Acetate	0.754	0.762	0.667	0.735	0.729	0.724	0.729	4.59
19) T	Methyl tert-bu...	1.720	1.878	1.624	1.929	1.793	1.816	1.793	6.11
20) T	Methylene Chlo...	0.672	0.655	0.521	0.625	0.581	0.583	0.606	9.16
21) T	trans-1,2-Dich...	0.611	0.600	0.530	0.616	0.562	0.578	0.583	5.65
22) T	Diisopropyl ether	1.305	1.526	1.337	1.570	1.442	1.432	1.435	7.18
23) T	Vinyl Acetate	0.765	0.885	0.734	0.905	0.828	0.828	0.824	8.04
24) P	1,1-Dichloroet...	0.964	1.059	0.921	1.078	0.993	0.994	1.001	5.87
25) T	2-Butanone	0.202	0.212	0.219	0.230	0.228	0.218	0.218	4.73
26) T	2,2-Dichloropr...	1.029	1.060	0.920	1.094	1.011	1.030	1.024	5.76
27) T	cis-1,2-Dichlo...	0.699	0.682	0.584	0.686	0.654	0.653	0.660	6.24
28) T	Bromochloromet...	0.372	0.426	0.329	0.409	0.384	0.388	0.384	8.71
29) T	Tetrahydrofuran	0.148	0.175	0.144	0.172	0.154	0.145	0.156	8.73
30) C	Chloroform	1.119	1.148	1.009	1.183	1.111	1.101	1.112	5.27#
31) T	Cyclohexane		1.022	0.801	0.921	0.802	0.796	0.868	11.61
32) T	1,1,1-Trichlor...	1.071	1.122	1.004	1.165	1.087	1.081	1.088	4.96
33) S	1,2-Dichloroet...		0.695	0.522	0.619	0.697	0.660	0.639	11.37
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.358	0.249	0.300	0.349	0.329	0.317	13.79
36) T	1,1-Dichloropr...	0.467	0.559	0.462	0.567	0.527	0.528	0.518	8.64
37) T	Ethyl Acetate	0.307	0.363	0.294	0.346	0.323	0.314	0.325	7.98
38) T	Carbon Tetrach...	0.623	0.643	0.534	0.659	0.630	0.627	0.619	7.06
39) T	Methylcyclohexane	0.512	0.565	0.473	0.584	0.554	0.543	0.538	7.45
40) TM	Benzene	1.488	1.570	1.342	1.612	1.495	1.475	1.497	6.21
41) T	Methacrylonitrile	0.181	0.196	0.168	0.200	0.190	0.188	0.187	6.15
42) TM	1,2-Dichloroet...	0.532	0.597	0.486	0.604	0.558	0.551	0.554	7.85
43) T	Isopropyl Acetate	0.517	0.649	0.523	0.642	0.597	0.573	0.584	9.72
44) TM	Trichloroethene	0.409	0.410	0.362	0.435	0.407	0.398	0.404	5.90
45) C	1,2-Dichloropr...	0.346	0.370	0.320	0.375	0.353	0.345	0.352	5.70#
46) T	Dibromomethane	0.227	0.286	0.224	0.278	0.254	0.246	0.252	10.26
47) T	Bromodichlorom...	0.493	0.558	0.487	0.592	0.561	0.556	0.541	7.70
48) T	Methyl methacr...	0.369	0.351	0.306	0.369	0.358	0.336	0.348	6.89
49) T	1,4-Dioxane	0.006	0.005	0.005	0.006	0.005	0.005	0.005	11.45
50) S	Toluene-d8		1.319	0.924	1.133	1.315	1.220	1.182	13.81
51) T	4-Methyl-2-Pen...	0.303	0.347	0.297	0.351	0.329	0.301	0.321	7.54
52) CM	Toluene	0.906	0.999	0.833	1.040	0.962	0.934	0.946	7.67#
53) T	t-1,3-Dichloro...	0.526	0.597	0.510	0.662	0.611	0.607	0.585	9.74
54) T	cis-1,3-Dichlo...	0.559	0.665	0.556	0.690	0.651	0.634	0.626	8.97
55) T	1,1,2-Trichlor...	0.297	0.370	0.313	0.377	0.352	0.332	0.340	9.39
56) T	Ethyl methacry...	0.334	0.394	0.339	0.416	0.398	0.378	0.377	8.86

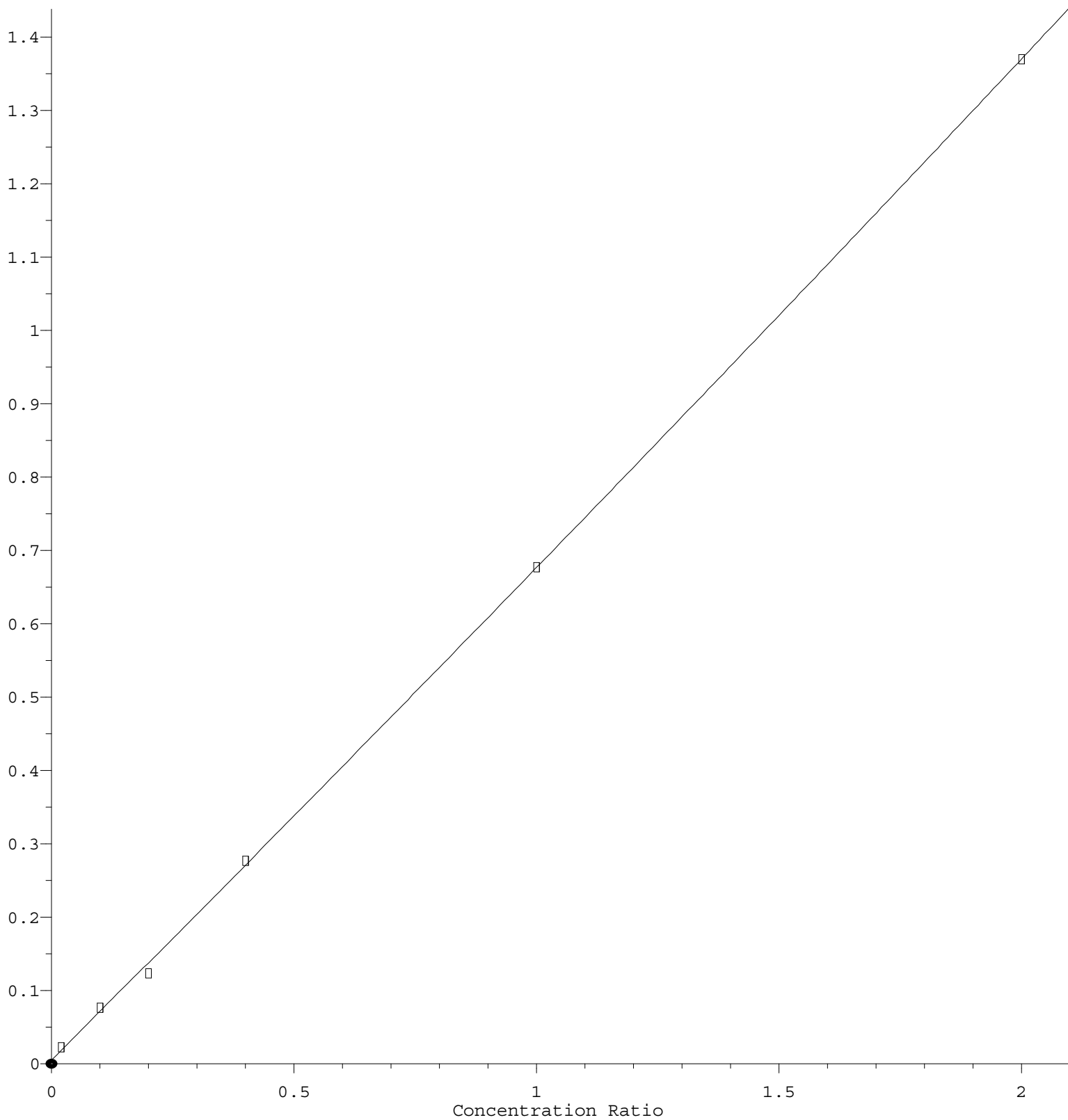
Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
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57)	T	1,3-Dichloropr...	0.555	0.650	0.536	0.651	0.606	0.581	0.596	8.08
58)	T	2-Chloroethyl ...	0.211	0.222	0.218	0.243	0.287	0.246	0.238	11.83
59)	T	2-Hexanone	0.218	0.256	0.217	0.273	0.242	0.218	0.237	10.03
60)	T	Dibromochlorom...	0.376	0.410	0.353	0.450	0.421	0.409	0.403	8.53
61)	T	1,2-Dibromoethane	0.339	0.369	0.316	0.390	0.355	0.344	0.352	7.27
62)	S	4-Bromofluorob...	0.491	0.357	0.433	0.515	0.450	0.449		13.56
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.379	0.412	0.345	0.413	0.384	0.384	0.386	6.54
65)	PM	Chlorobenzene	1.067	1.157	0.994	1.223	1.104	1.129	1.112	7.05
66)	T	1,1,1,2-Tetrac...	0.416	0.456	0.392	0.472	0.440	0.441	0.436	6.51
67)	C	Ethyl Benzene	1.931	2.160	1.830	2.207	2.055	2.088	2.045	6.95#
68)	T	m/p-Xylenes	0.679	0.799	0.681	0.838	0.767	0.770	0.756	8.44
69)	T	o-Xylene	0.659	0.788	0.671	0.830	0.749	0.740	0.739	8.93
70)	T	Styrene	0.895	1.086	0.982	1.196	1.115	1.115	1.065	10.15
71)	P	Bromoform	0.322	0.315	0.286	0.340	0.332	0.314	0.318	5.81
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.037	4.249	3.460	4.232	4.070	4.052	4.017	7.17
74)	T	N-amyl acetate	1.274	1.169	1.019	1.225	1.197	1.153	1.173	7.40
75)	P	1,1,2,2-Tetrac...	1.143	1.187	0.963	1.142	1.046	0.977	1.076	8.80
76)	T	1,2,3-Trichlor...	1.160	1.019	0.902	1.025	0.982	0.897	0.997	9.75
77)	T	Bromobenzene	1.035	1.029	0.860	1.039	1.003	0.962	0.988	7.01
78)	T	n-propylbenzene	4.046	4.651	3.865	4.794	4.649	4.567	4.429	8.53
79)	T	2-Chlorotoluene	2.727	3.102	2.569	3.083	2.990	2.876	2.891	7.29
80)	T	1,3,5-Trimethy...	3.223	3.606	3.098	3.738	3.600	3.491	3.459	7.15
81)	T	trans-1,4-Dich...	0.406	0.365	0.380	0.385	0.364	0.380		4.50
82)	T	4-Chlorotoluene	2.862	3.133	2.578	3.255	3.027	2.976	2.972	7.91
83)	T	tert-Butylbenzene	2.577	3.058	2.466	3.085	2.961	2.851	2.833	9.09
84)	T	1,2,4-Trimethy...	3.039	3.571	3.066	3.792	3.662	3.518	3.441	9.16
85)	T	sec-Butylbenzene	3.324	3.740	3.171	3.999	3.818	3.693	3.624	8.65
86)	T	p-Isopropyltol...	2.826	3.342	2.868	3.657	3.549	3.392	3.272	10.64
87)	T	1,3-Dichlorobe...	1.714	1.850	1.556	1.870	1.737	1.718	1.741	6.51
88)	T	1,4-Dichlorobe...	1.814	1.842	1.560	1.879	1.728	1.721	1.757	6.54
89)	T	n-Butylbenzene	2.373	2.750	2.396	3.067	2.923	2.887	2.733	10.54
90)	T	Hexachloroethane	0.503	0.540	0.456	0.556	0.528	0.534	0.520	6.82
91)	T	1,2-Dichlorobe...	1.688	1.821	1.527	1.738	1.551	1.594	1.653	6.97
92)	T	1,2-Dibromo-3-...	0.275	0.249	0.191	0.221	0.210	0.212	0.226	13.42
93)	T	1,2,4-Trichlor...	0.956	0.987	0.792	0.922	0.905	0.945	0.918	7.39
94)	T	Hexachlorobuta...	0.596	0.581	0.483	0.520	0.480	0.475	0.523	10.29
95)	T	Naphthalene	3.040	2.885	2.422	2.842	2.751	2.783	2.787	7.38
96)	T	1,2,3-Trichlor...	0.930	0.945	0.776	0.890	0.880	0.894	0.886	6.71

(#) = Out of Range

Chloromethane

Response Ratio



$R = 1.130e-002 A^2 + 6.597e-001 A + 5.434e-003$
Coef of Det (r^2) = 0.999790 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N121223W.M
Calibration Table Last Updated: Wed Dec 13 01:57:14 2023