

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N091123W.M
 Title : SW846 8260
 Last Update : Tue Sep 12 05:05:24 2023
 Response Via : Initial Calibration

Calibration Files

1 =VN079220.D 5 =VN079219.D 10 =VN079218.D 20 =VN079217.D 50 =VN079216.D 75 =VN079215.D

	Compound	1	5	10	20	50	75	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.520	0.472	0.469	0.547	0.456	0.504	0.495	7.03
3) P	Chloromethane	0.752	0.629	0.604	0.721	0.582	0.608	0.649	10.78
4) C	Vinyl Chloride	0.695	0.701	0.679	0.803	0.658	0.710	0.708	7.09#
5) T	Bromomethane		0.476	0.413	0.447	0.363	0.335	0.407	14.28
6) T	Chloroethane	0.781	0.494	0.471	0.507	0.442	0.452	0.524	24.39
7) T	Trichlorofluor...	1.113	1.076	0.981	1.100	0.951	0.997	1.036	6.61
8) T	Diethyl Ether	0.304	0.394	0.362	0.375	0.351	0.372	0.360	8.58
9) T	1,1,2-Trichlor...	0.541	0.590	0.540	0.598	0.503	0.534	0.551	6.54
10) T	Methyl Iodide		0.371	0.381	0.483	0.487	0.532	0.451	15.75
11) T	Tert butyl alc...		0.154	0.117	0.132	0.110	0.110	0.125	15.15
12) CM	1,1-Dichloroet...	0.505	0.558	0.510	0.585	0.509	0.533	0.533	6.03#
13) T	Acrolein		0.123	0.117	0.126	0.111	0.117	0.119	4.93
14) T	Allyl chloride	0.800	0.910	0.807	0.981	0.802	0.805	0.851	9.01
15) T	Acrylonitrile	0.331	0.325	0.305	0.351	0.308	0.319	0.323	5.29
16) T	Acetone	0.298	0.288	0.262	0.302	0.269	0.300	0.287	5.89
17) T	Carbon Disulfide	2.041	1.716	1.529	1.720	1.456	1.538	1.667	12.74
18) T	Methyl Acetate	1.187	1.237	1.152	1.269	1.084	1.139	1.178	5.75
19) T	Methyl tert-bu...	1.705	1.810	1.731	2.023	1.821	1.884	1.829	6.28
20) T	Methylene Chlo...	0.853	0.720	0.651	0.710	0.616	0.635	0.698	12.43
21) T	trans-1,2-Dich...	0.645	0.642	0.583	0.654	0.587	0.600	0.619	5.17
22) T	Diisopropyl ether	1.592	1.862	1.807	2.105	1.874	1.958	1.867	9.09
23) T	Vinyl Acetate	0.990	1.145	1.082	1.281	1.168	1.223	1.148	8.98
24) P	1,1-Dichloroet...	1.143	1.185	1.089	1.262	1.101	1.124	1.151	5.57
25) T	2-Butanone	0.392	0.413	0.385	0.458	0.412	0.435	0.416	6.56
26) T	2,2-Dichloropr...	0.967	0.876	0.890	1.030	0.937	0.965	0.944	6.00
27) T	cis-1,2-Dichlo...	0.728	0.674	0.664	0.781	0.693	0.705	0.707	6.03
28) T	Bromochloromet...	0.556	0.503	0.483	0.462	0.548	0.568	0.520	8.36
29) T	Tetrahydrofuran	0.236	0.254	0.261	0.295	0.268	0.274	0.265	7.55
30) C	Chloroform	1.225	1.238	1.121	1.289	1.150	1.165	1.198	5.29#
31) T	Cyclohexane		1.124	0.960	1.039	0.895	0.909	0.986	9.70
32) T	1,1,1-Trichlor...	0.932	1.039	0.969	1.156	1.008	1.022	1.021	7.50
33) S	1,2-Dichloroet...		0.752	0.618	0.601	0.708	0.695	0.675	9.42
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.360	0.302	0.299	0.356	0.346	0.333	8.99
36) T	1,1-Dichloropr...	0.478	0.494	0.492	0.563	0.521	0.528	0.513	6.04
37) T	Ethyl Acetate	0.480	0.491	0.471	0.590	0.517	0.518	0.511	8.44
38) T	Carbon Tetrach...	0.514	0.522	0.497	0.581	0.524	0.544	0.531	5.50
39) T	Methylcyclohexane	0.430	0.514	0.458	0.559	0.528	0.545	0.506	10.10
40) TM	Benzene	1.472	1.566	1.500	1.721	1.569	1.588	1.569	5.54
41) T	Methacrylonitrile	0.203	0.256	0.248	0.286	0.271	0.283	0.258	11.90
42) TM	1,2-Dichloroet...	0.518	0.539	0.525	0.588	0.530	0.543	0.540	4.64
43) T	Isopropyl Acetate	0.822	0.829	0.795	0.888	0.826	0.845	0.834	3.72
44) TM	Trichloroethene	0.379	0.401	0.360	0.416	0.377	0.387	0.387	5.04
45) C	1,2-Dichloropr...	0.364	0.397	0.358	0.426	0.399	0.393	0.389	6.42#
46) T	Dibromomethane	0.233	0.264	0.257	0.293	0.270	0.269	0.264	7.43
47) T	Bromodichlorom...	0.497	0.535	0.506	0.599	0.561	0.552	0.542	6.97
48) T	Methyl methacr...	0.330	0.366	0.353	0.406	0.387	0.401	0.374	7.91
49) T	1,4-Dioxane	0.007	0.007	0.008	0.008	0.008	0.008	0.008	6.82
50) S	Toluene-d8		1.306	1.077	1.089	1.324	1.310	1.221	10.34
51) T	4-Methyl-2-Pen...	0.429	0.477	0.452	0.533	0.507	0.507	0.484	8.03
52) CM	Toluene	0.936	0.956	0.874	1.059	0.979	0.981	0.964	6.30#
53) T	t-1,3-Dichloro...	0.504	0.565	0.525	0.621	0.600	0.610	0.571	8.41
54) T	cis-1,3-Dichlo...	0.531	0.600	0.575	0.665	0.639	0.655	0.611	8.51
55) T	1,1,2-Trichlor...	0.342	0.390	0.368	0.413	0.378	0.379	0.378	6.20
56) T	Ethyl methacry...	0.404	0.505	0.482	0.608	0.597	0.609	0.534	15.76

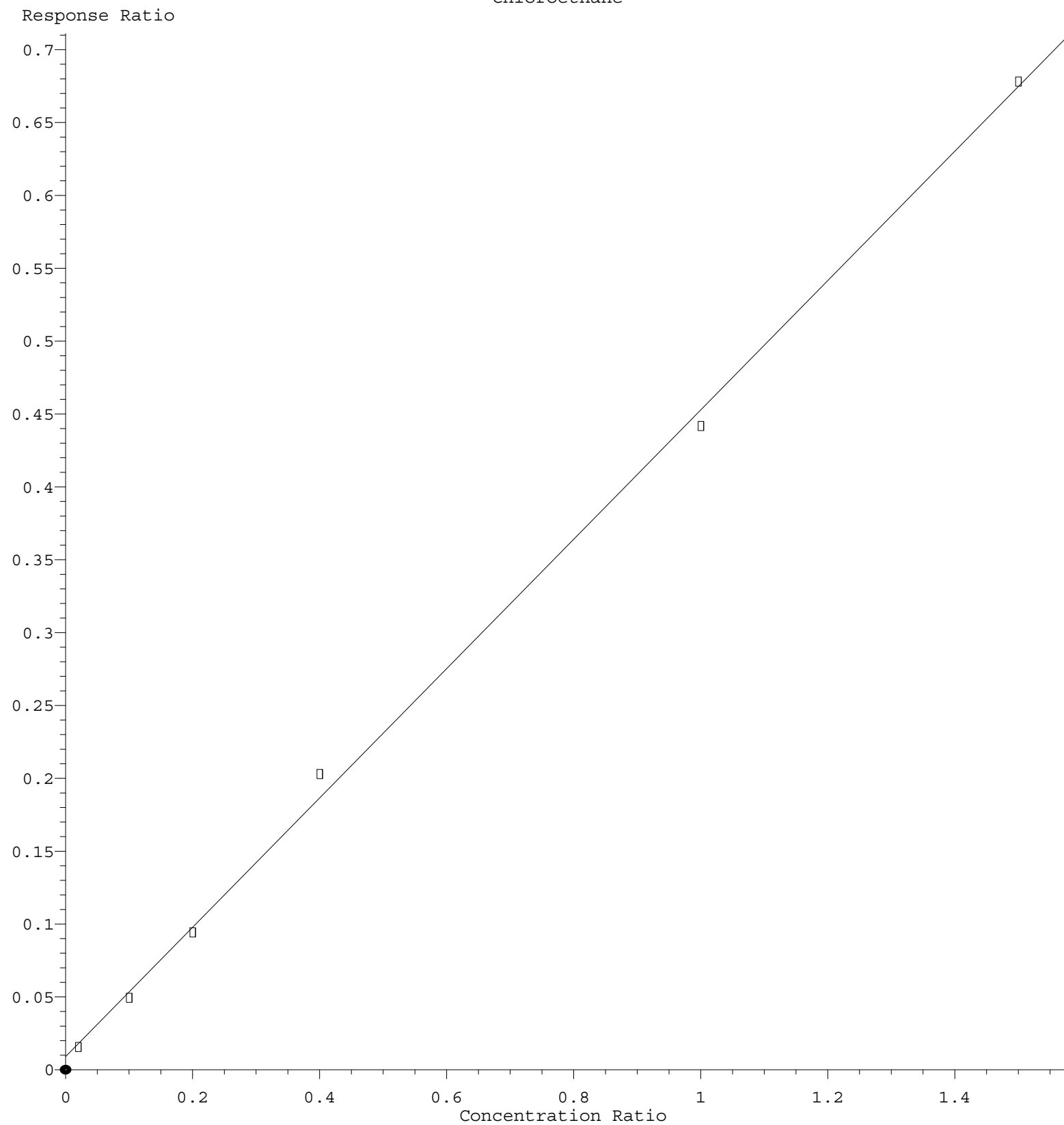
Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\

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57)	T	1,3-Dichloropr...	0.609	0.682	0.613	0.705	0.660	0.656	0.654	5.77
58)	T	2-Chloroethyl ...	0.103	0.204	0.187	0.239	0.216	0.240	0.198	25.71
59)	T	2-Hexanone	0.293	0.345	0.320	0.393	0.376	0.378	0.351	11.07
60)	T	Dibromochlorom...	0.372	0.405	0.373	0.433	0.418	0.416	0.403	6.26
61)	T	1,2-Dibromoethane	0.298	0.404	0.349	0.428	0.394	0.393	0.378	12.34
62)	S	4-Bromofluorob...	0.385	0.315	0.351	0.438	0.459	0.390		15.35
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.380	0.371	0.358	0.391	0.344	0.344	0.365	5.35
65)	PM	Chlorobenzene	1.169	1.141	1.066	1.232	1.092	1.096	1.133	5.39
66)	T	1,1,1,2-Tetrac...	0.383	0.438	0.428	0.465	0.414	0.419	0.425	6.39
67)	C	Ethyl Benzene	1.661	1.861	1.869	2.182	2.022	2.031	1.937	9.31#
68)	T	m/p-Xylenes	0.612	0.675	0.698	0.815	0.763	0.770	0.722	10.29
69)	T	o-Xylene	0.528	0.675	0.670	0.791	0.740	0.752	0.693	13.46
70)	T	Styrene	0.868	0.984	1.028	1.286	1.244	1.274	1.114	15.89
71)	P	Bromoform	0.261	0.298	0.308	0.353	0.330	0.331	0.314	10.31
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.529	4.972	4.577	4.774	4.226	4.217	4.549	6.56
74)	T	N-amyl acetate	1.574	1.840	1.638	1.871	1.696	1.736	1.726	6.65
75)	P	1,1,2,2-Tetrac...	2.076	1.967	1.671	1.673	1.405	1.372	1.694	16.87
76)	T	1,2,3-Trichlor...	1.685	1.512	1.356	1.304	1.134	1.094	1.348	16.70
77)	T	Bromobenzene	1.304	1.242	1.145	1.156	1.035	1.029	1.152	9.51
78)	T	n-propylbenzene	4.881	5.234	5.093	5.491	4.919	5.043	5.110	4.41
79)	T	2-Chlorotoluene	3.655	3.625	3.328	3.459	2.998	2.988	3.342	8.84
80)	T	1,3,5-Trimethy...	3.795	3.993	3.815	4.014	3.548	3.578	3.791	5.21
81)	T	trans-1,4-Dich...	0.481	0.520	0.486	0.454	0.511	0.490		5.35
82)	T	4-Chlorotoluene	3.256	3.229	3.107	3.296	2.953	3.003	3.141	4.51
83)	T	tert-Butylbenzene	2.928	3.261	3.206	3.418	2.984	3.018	3.136	6.05
84)	T	1,2,4-Trimethy...	3.190	3.846	3.698	3.906	3.496	3.523	3.610	7.30
85)	T	sec-Butylbenzene	4.176	4.571	4.276	4.616	4.104	4.159	4.317	5.14
86)	T	p-Isopropyltol...	3.094	3.550	3.445	3.789	3.356	3.459	3.449	6.62
87)	T	1,3-Dichlorobe...	2.043	1.916	1.822	1.980	1.761	1.814	1.889	5.76
88)	T	1,4-Dichlorobe...	2.199	1.965	1.796	1.971	1.751	1.773	1.909	8.99
89)	T	n-Butylbenzene	2.586	2.759	2.509	2.895	2.715	2.809	2.712	5.27
90)	T	Hexachloroethane	0.715	0.778	0.723	0.722	0.630	0.634	0.700	8.22
91)	T	1,2-Dichlorobe...	1.892	2.029	1.817	1.991	1.716	1.746	1.865	6.88
92)	T	1,2-Dibromo-3-...	0.176	0.281	0.290	0.290	0.257	0.253	0.258	16.80
93)	T	1,2,4-Trichlor...	0.589	0.560	0.600	0.747	0.752	0.773	0.670	14.45
94)	T	Hexachlorobuta...	0.698	0.543	0.520	0.531	0.438	0.434	0.527	18.24
95)	T	Naphthalene	2.118	1.554	1.661	2.128	2.150	2.333	1.991	15.52
96)	T	1,2,3-Trichlor...	0.916	0.688	0.721	0.851	0.779	0.788	0.791	10.58

(#) = Out of Range

Chloroethane



$\text{Response} = 4.438\text{e-}001 * \text{Amt} + 8.825\text{e-}003$
 Coef of Det (r^2) = 0.998723 Curve Fit: Linear
 Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N091123W.M
 Calibration Table Last Updated: Tue Sep 12 05:05:24 2023