

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N031723W.M
 Title : SW846 8260
 Last Update : Mon Mar 20 08:50:30 2023
 Response Via : Initial Calibration

Calibration Files

5 =VN077026.D 10 =VN077027.D 20 =VN077028.D 50 =VN077029.D 75 =VN077030.D 1 =VN077025.D

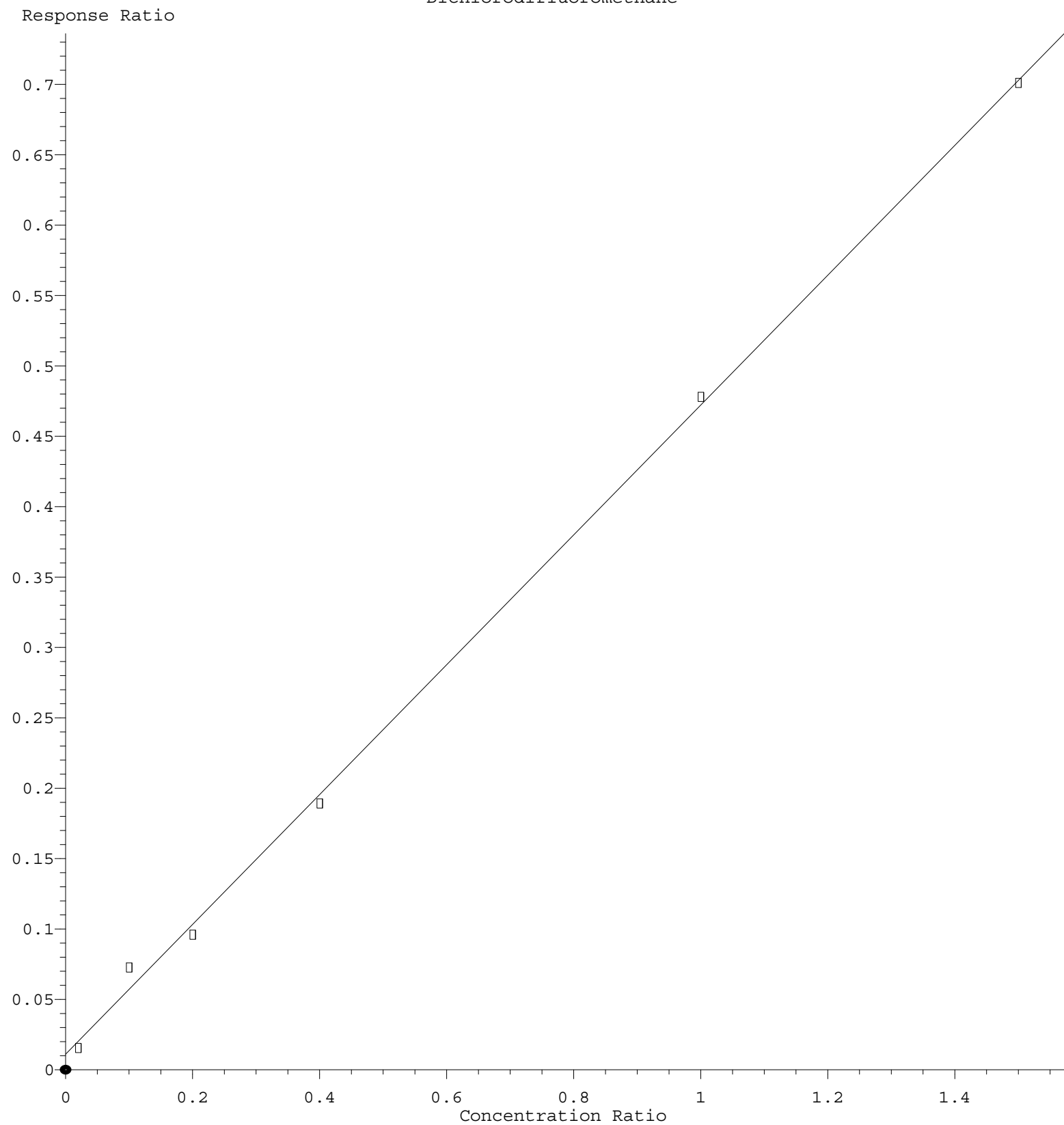
	Compound	5	10	20	50	75	1	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.726	0.480	0.473	0.478	0.467	0.773	0.566	25.26
3) P	Chloromethane	0.536	0.465	0.494	0.469	0.459	0.601	0.504	10.96
4) C	Vinyl Chloride	0.605	0.492	0.551	0.519	0.511	0.584	0.544	8.13#
5) T	Bromomethane	0.421	0.342	0.364	0.369	0.341		0.367	8.86
6) T	Chloroethane	0.371	0.334	0.323	0.312	0.302	0.422	0.344	13.08
7) T	Trichlorofluor...	1.148	1.139	1.159	1.115	1.099	1.358	1.170	8.11
8) T	Diethyl Ether	0.428	0.412	0.437	0.436	0.443	0.486	0.440	5.65
9) T	1,1,2-Trichlor...	0.647	0.647	0.643	0.618	0.608	0.818	0.664	11.70
10) T	Methyl Iodide	0.721	0.724	0.767	0.760	0.765		0.747	3.05
11) T	Tert butyl alc...	0.117	0.119	0.114	0.117	0.114		0.116	2.00
12) CM	1,1-Dichloroet...	0.586	0.571	0.598	0.593	0.586	0.708	0.607	8.31#
13) T	Acrolein	0.162	0.140	0.139	0.141	0.138		0.144	6.98
14) T	Allyl chloride	1.050	1.010	1.074	1.118	1.213	1.203	1.111	7.44
15) T	Acrylonitrile	0.385	0.395	0.388	0.388	0.380	0.410	0.391	2.72
16) T	Acetone	0.344	0.364	0.344	0.336	0.324	0.423	0.356	9.88
17) T	Carbon Disulfide	1.691	1.635	1.689	1.680	1.654	2.272	1.770	13.93
18) T	Methyl Acetate	1.359	1.349	1.337	1.310	1.288	1.409	1.342	3.12
19) T	Methyl tert-bu...	2.084	2.135	2.174	2.164	2.183	2.333	2.179	3.83
20) T	Methylene Chlo...	0.780	0.729	0.736	0.707	0.709	0.972	0.772	13.12
21) T	trans-1,2-Dich...	0.648	0.621	0.656	0.641	0.630	0.751	0.658	7.21
22) T	Diisopropyl ether	2.365	2.383	2.509	2.479	2.407	2.466	2.435	2.39
23) T	Vinyl Acetate	1.398	1.496	1.786	1.587	1.581	1.370	1.536	9.87
24) P	1,1-Dichloroet...	1.419	1.335	1.375	1.330	1.302	1.599	1.393	7.79
25) T	2-Butanone	0.509	0.523	0.518	0.528	0.512	0.533	0.521	1.79
26) T	2,2-Dichloropr...	1.025	1.023	1.057	1.051	1.050	1.084	1.048	2.15
27) T	cis-1,2-Dichlo...	0.752	0.752	0.761	0.754	0.747	0.756	0.754	0.62
28) T	Bromochloromet...	0.622	0.600	0.568	0.557	0.540	0.743	0.605	12.24
29) T	Tetrahydrofuran	0.320	0.342	0.349	0.348	0.334	0.331	0.337	3.30
30) C	Chloroform	1.353	1.325	1.356	1.291	1.265	1.524	1.352	6.74#
31) T	Cyclohexane	1.498	1.300	1.293	1.240	1.203		1.307	8.74
32) T	1,1,1-Trichlor...	1.153	1.111	1.153	1.137	1.112	1.269	1.156	5.08
33) S	1,2-Dichloroet...	0.852	0.833	0.779	0.782	0.748		0.799	5.33
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.350	0.363	0.333	0.329	0.321	0.405	0.350	8.73
36) T	1,1-Dichloropr...	0.530	0.534	0.552	0.549	0.546	0.570	0.547	2.57
37) T	Ethyl Acetate	0.582	0.603	0.587	0.572	0.568	0.600	0.585	2.43
38) T	Carbon Tetrach...	0.508	0.536	0.535	0.526	0.532	0.559	0.533	3.09
39) T	Methylcyclohexane	0.580	0.614	0.662	0.676	0.679	0.630	0.640	6.15
40) TM	Benzene	1.637	1.652	1.662	1.617	1.617	1.766	1.659	3.37
41) T	Methacrylonitrile	0.306	0.320	0.304	0.308	0.314	0.339	0.315	4.13
42) TM	1,2-Dichloroet...	0.612	0.600	0.576	0.575	0.569	0.664	0.599	6.00
43) T	Isopropyl Acetate	0.857	0.918	0.925	0.944	0.951	0.891	0.914	3.83
44) TM	Trichloroethene	0.373	0.360	0.369	0.364	0.363	0.457	0.381	9.84
45) C	1,2-Dichloropr...	0.425	0.435	0.446	0.431	0.433	0.472	0.441	3.82#
46) T	Dibromomethane	0.273	0.278	0.275	0.268	0.265	0.309	0.278	5.74
47) T	Bromodichlorom...	0.560	0.576	0.577	0.563	0.563	0.657	0.583	6.38
48) T	Methyl methacr...	0.397	0.434	0.443	0.466	0.469	0.412	0.437	6.57
49) T	1,4-Dioxane	0.008	0.007	0.008	0.008	0.007	0.007	0.007	4.10
50) S	Toluene-d8	1.297	1.255	1.208	1.262	1.232		1.251	2.69
51) T	4-Methyl-2-Pen...	0.550	0.584	0.587	0.587	0.579	0.528	0.569	4.33
52) CM	Toluene	0.957	0.983	1.024	1.006	1.005	0.968	0.990	2.58#
53) T	t-1,3-Dichloro...	0.502	0.542	0.593	0.612	0.637	0.541	0.571	8.91
54) T	cis-1,3-Dichlo...	0.613	0.634	0.662	0.665	0.683	0.609	0.644	4.72
55) T	1,1,2-Trichlor...	0.409	0.395	0.390	0.383	0.386	0.380	0.391	2.63
56) T	Ethyl methacry...	0.526	0.575	0.613	0.641	0.661	0.507	0.587	10.60

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57)	T	1,3-Dichloropr...	0.699	0.711	0.716	0.699	0.700	0.766	0.715	3.62
58)	T	2-Chloroethyl ...	0.243	0.246	0.263	0.268	0.271	0.212	0.250	8.81
59)	T	2-Hexanone	0.392	0.425	0.429	0.432	0.429	0.370	0.413	6.22
60)	T	Dibromochlorom...	0.377	0.382	0.394	0.401	0.404	0.396	0.392	2.76
61)	T	1,2-Dibromoethane	0.364	0.376	0.382	0.381	0.388	0.432	0.387	6.06
62)	S	4-Bromofluorob...	0.428	0.428	0.425	0.465	0.463		0.442	4.58
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.332	0.321	0.337	0.322	0.313	0.388	0.336	8.04
65)	PM	Chlorobenzene	1.126	1.083	1.137	1.114	1.125	1.318	1.150	7.32
66)	T	1,1,1,2-Tetrac...	0.418	0.407	0.413	0.411	0.411	0.493	0.426	7.81
67)	C	Ethyl Benzene	1.918	2.055	2.129	2.162	2.162	2.111	2.090	4.45#
68)	T	m/p-Xylenes	0.711	0.763	0.804	0.804	0.804	0.763	0.775	4.81
69)	T	o-Xylene	0.701	0.758	0.792	0.793	0.796	0.781	0.770	4.74
70)	T	Styrene	1.087	1.184	1.283	1.306	1.308	1.024	1.199	10.12
71)	P	Bromoform	0.265	0.286	0.291	0.297	0.304	0.289	0.288	4.62
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.244	4.456	4.675	4.583	4.498	4.428	4.481	3.28
74)	T	N-amyl acetate	1.767	1.904	2.005	2.029	2.037	1.895	1.939	5.39
75)	P	1,1,2,2-Tetrac...	1.648	1.654	1.537	1.459	1.426	2.016	1.623	13.20
76)	T	1,2,3-Trichlor...	1.261	1.228	1.391	1.317	1.311	1.251	1.293	4.58
77)	T	Bromobenzene	1.035	0.992	1.002	0.949	0.950	1.094	1.004	5.48
78)	T	n-propylbenzene	4.816	5.157	5.488	5.465	5.405	4.705	5.173	6.61
79)	T	2-Chlorotoluene	3.187	3.353	3.358	3.288	3.250	3.341	3.296	2.06
80)	T	1,3,5-Trimethy...	3.565	3.858	3.997	3.883	3.850	3.295	3.741	6.98
81)	T	trans-1,4-Dich...	0.441	0.503	0.464	0.470	0.471		0.470	4.69
82)	T	4-Chlorotoluene	2.991	3.135	3.240	3.159	3.182	3.098	3.134	2.70
83)	T	tert-Butylbenzene	2.897	3.176	3.281	3.257	3.223	3.013	3.141	4.87
84)	T	1,2,4-Trimethy...	3.561	3.750	4.050	3.886	3.860	3.293	3.733	7.22
85)	T	sec-Butylbenzene	4.027	4.499	4.801	4.793	4.770	3.919	4.468	8.98
86)	T	p-Isopropyltol...	3.235	3.519	3.853	3.850	3.908	3.165	3.588	9.24
87)	T	1,3-Dichlorobe...	1.802	1.880	1.875	1.807	1.819	2.200	1.897	8.03
88)	T	1,4-Dichlorobe...	1.835	1.829	1.819	1.797	1.801	2.244	1.887	9.29
89)	T	n-Butylbenzene	2.664	2.934	3.245	3.488	3.545	3.011	3.148	10.84
90)	T	Hexachloroethane	0.718	0.699	0.710	0.700	0.716	0.835	0.730	7.15
91)	T	1,2-Dichlorobe...	1.809	1.870	1.904	1.826	1.778	2.159	1.891	7.34
92)	T	1,2-Dibromo-3-...	0.276	0.295	0.292	0.304	0.294	0.344	0.301	7.70
93)	T	1,2,4-Trichlor...	0.691	0.793	0.888	0.960	0.963	0.833	0.855	12.26
94)	T	Hexachlorobuta...	0.452	0.445	0.468	0.466	0.468	0.525	0.471	6.03
95)	T	Naphthalene	2.059	2.547	2.958	3.305	3.389	2.113	2.729	21.25
96)	T	1,2,3-Trichlor...	0.714	0.795	0.860	0.929	0.953	0.896	0.858	10.48

(#) = Out of Range

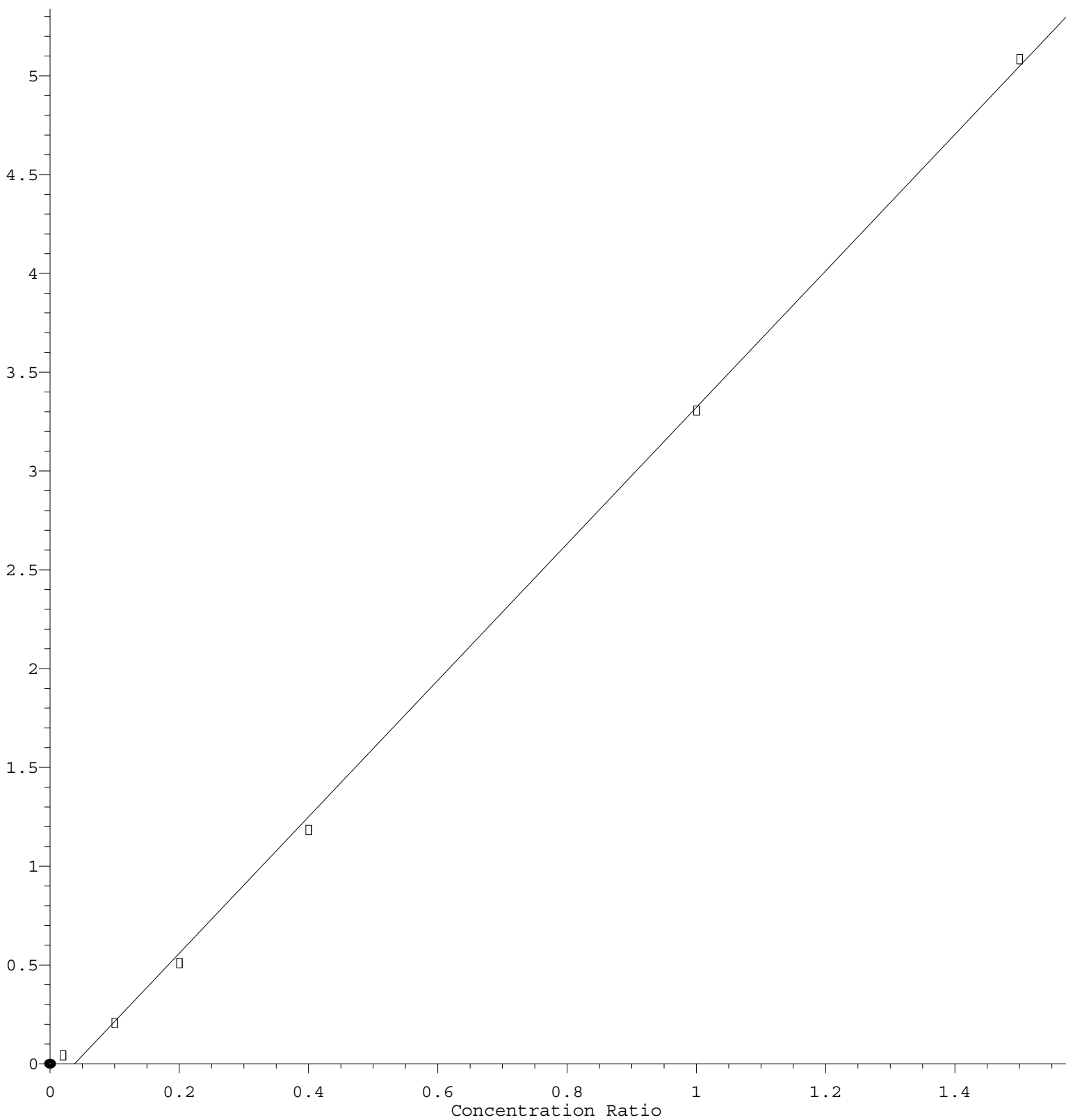
Dichlorodifluoromethane



Response = 4.612e-001 * Amt + 1.120e-002
 Coef of Det (r^2) = 0.998937 Curve Fit: Linear
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Naphthalene

Response Ratio



$$\text{Response} = 3.454\text{e}+000 * \text{Amt} - 1.321\text{e}-001$$

Coef of Det (r^2) = 0.999060 Curve Fit: Linear

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