

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
 Method File : 82W121625S.M
 Title : SW846 8260
 Last Update : Wed Dec 17 00:58:18 2025
 Response Via : Initial Calibration

Calibration Files

5 =VW032651.D 10 =VW032652.D 20 =VW032653.D 50 =VW032658.D 100 =VW032655.D 150 =VW032656.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.291	0.396	0.287	0.266	0.244	0.262	0.291	18.67
3) P	Chloromethane	0.580	0.675	0.492	0.493	0.410	0.449	0.516	18.61
4) C	Vinyl Chloride	0.675	0.847	0.640	0.644	0.549	0.570	0.654	16.19#
5) T	Bromomethane	0.425	0.559	0.417	0.422	0.363	0.379	0.428	16.22
6) T	Chloroethane	0.397	0.548	0.420	0.418	0.365	0.386	0.422	15.37
7) T	Trichlorofluor...	0.489	0.767	0.558	0.529	0.528	0.560	0.572	17.29
8) T	Diethyl Ether	0.367	0.427	0.355	0.363	0.323	0.339	0.362	9.84
9) T	1,1,2-Trichlor...	0.552	0.752	0.552	0.568	0.489	0.505	0.569	16.56
10) T	Methyl Iodide	0.768	1.051	0.778	0.793	0.706	0.731	0.804	15.52
11) T	Tert butyl alc...	0.048	0.050	0.047	0.049	0.043	0.048	0.047	5.36
12) CM	1,1-Dichloroet...	0.573	0.772	0.580	0.607	0.517	0.541	0.598	15.13#
13) T	Acrolein	0.079	0.075	0.079	0.064	0.053	0.056	0.068	17.50
14) T	Allyl chloride	0.952	1.329	1.059	1.127	1.000	1.059	1.088	12.17
15) T	Acrylonitrile	0.189	0.223	0.196	0.206	0.185	0.197	0.199	6.97
16) T	Acetone	0.322	0.276	0.237	0.253	0.187	0.204	0.246	19.93
17) T	Carbon Disulfide	1.578	2.172	1.651	1.669	1.466	1.557	1.682	14.91
18) T	Methyl Acetate	0.459	0.485	0.451	0.503	0.454	0.482	0.472	4.40
19) T	Methyl tert-bu...	1.099	1.443	1.207	1.279	1.137	1.162	1.221	10.24
20) T	Methylene Chlo...	1.044	1.064	0.748	0.706	0.611	0.634	0.801	25.21
21) T	trans-1,2-Dich...	0.602	0.831	0.620	0.655	0.572	0.602	0.647	14.55
22) T	Diisopropyl ether	1.876	2.708	2.176	2.280	2.020	2.085	2.191	13.16
23) T	Vinyl Acetate	1.221	1.661	1.455	1.549	1.385	1.459	1.455	10.26
24) P	1,1-Dichloroet...	1.174	1.603	1.229	1.295	1.136	1.192	1.272	13.45
25) T	2-Butanone	0.263	0.307	0.284	0.301	0.256	0.270	0.280	7.40
26) T	2,2-Dichloropr...	0.731	0.963	0.726	0.776	0.677	0.695	0.761	13.75
27) T	cis-1,2-Dichlo...	0.699	0.928	0.717	0.773	0.685	0.735	0.756	11.85
28) T	Bromochloromet...	0.442	0.502	0.500	0.474	0.463	0.506	0.481	5.35
29) T	Tetrahydrofuran	0.153	0.177	0.171	0.178	0.160	0.171	0.169	5.83
30) C	Chloroform	1.181	1.641	1.218	1.283	1.113	1.157	1.266	15.23#
31) T	Cyclohexane	1.269	1.518	1.116	1.145	0.991	1.034	1.179	16.31
32) T	1,1,1-Trichlor...	0.892	1.267	0.935	0.976	0.838	0.876	0.964	16.20
33) S	1,2-Dichloroet...	0.730	0.857	0.825	0.736	0.531	0.626	0.717	17.04
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.292	0.393	0.381	0.340	0.244	0.300	0.325	17.47
36) T	1,1-Dichloropr...	0.434	0.649	0.499	0.516	0.453	0.468	0.503	15.41
37) T	Ethyl Acetate	0.301	0.370	0.348	0.347	0.302	0.337	0.334	8.28
38) T	Carbon Tetrach...	0.428	0.606	0.460	0.486	0.424	0.455	0.476	14.13
39) T	Methylcyclohexane	0.533	0.771	0.604	0.649	0.594	0.630	0.630	12.62
40) TM	Benzene	1.306	1.931	1.509	1.533	1.372	1.417	1.511	14.72
41) T	Methacrylonitrile	0.159	0.188	0.201	0.189	0.180	0.195	0.185	8.01
42) TM	1,2-Dichloroet...	0.418	0.587	0.491	0.490	0.430	0.453	0.478	12.82
43) T	Isopropyl Acetate	0.490	0.636	0.589	0.610	0.560	0.605	0.582	8.84
44) TM	Trichloroethene	0.314	0.422	0.353	0.354	0.315	0.339	0.350	11.31
45) C	1,2-Dichloropr...	0.333	0.487	0.385	0.393	0.349	0.367	0.385	14.10#
46) T	Dibromomethane	0.200	0.270	0.226	0.224	0.199	0.212	0.222	11.78
47) T	Bromodichlorom...	0.450	0.646	0.516	0.537	0.471	0.516	0.523	13.11
48) T	Methyl methacr...	0.230	0.309	0.262	0.308	0.265	0.306	0.280	11.73
49) T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.003	0.003	0.003	15.32
50) S	Toluene-d8	1.069	1.469	1.461	1.293	0.943	1.111	1.224	17.79
51) T	4-Methyl-2-Pen...	0.282	0.360	0.343	0.343	0.307	0.325	0.327	8.67
52) CM	Toluene	0.774	1.149	0.944	0.969	0.845	0.903	0.931	13.77#
53) T	t-1,3-Dichloro...	0.407	0.591	0.498	0.541	0.490	0.524	0.509	12.07
54) T	cis-1,3-Dichlo...	0.477	0.708	0.586	0.622	0.559	0.597	0.591	12.85
55) T	1,1,2-Trichlor...	0.267	0.370	0.304	0.308	0.272	0.283	0.301	12.62
56) T	Ethyl methacry...	0.310	0.451	0.415	0.447	0.426	0.455	0.418	13.21

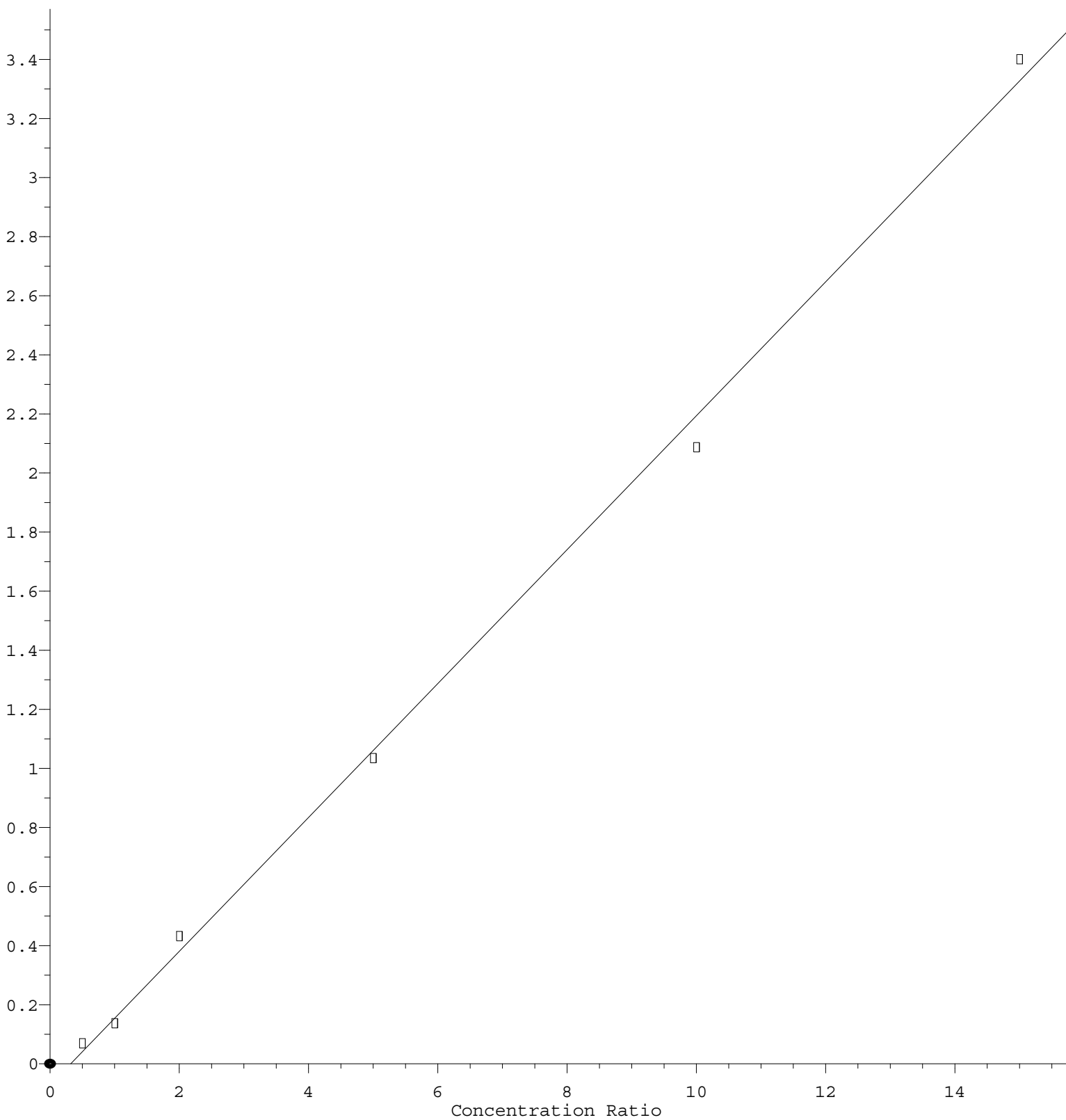
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57)	T	1,3-Dichloropr...	0.463	0.644	0.540	0.544	0.482	0.523	0.533	11.91
58)	T	2-Chloroethyl ...	0.139	0.137	0.216	0.207	0.209	0.227	0.189	21.27
59)	T	2-Hexanone	0.197	0.256	0.251	0.254	0.220	0.235	0.235	9.95
60)	T	Dibromochlorom...	0.281	0.395	0.326	0.347	0.313	0.337	0.333	11.41
61)	T	1,2-Dibromoethane	0.254	0.342	0.292	0.287	0.266	0.278	0.287	10.63
62)	S	4-Bromofluorob...	0.407	0.531	0.531	0.476	0.346	0.411	0.450	16.59
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.280	0.409	0.314	0.331	0.274	0.306	0.319	15.42
65)	PM	Chlorobenzene	0.957	1.394	1.120	1.220	1.059	1.068	1.136	13.44
66)	T	1,1,1,2-Tetrac...	0.300	0.417	0.335	0.377	0.335	0.324	0.348	12.12
67)	C	Ethyl Benzene	1.560	2.317	1.912	2.148	1.844	1.872	1.942	13.51#
68)	T	m/p-Xylenes	0.571	0.910	0.747	0.820	0.692	0.704	0.741	15.70
69)	T	o-Xylene	0.519	0.808	0.660	0.750	0.654	0.669	0.677	14.55
70)	T	Styrene	0.851	1.410	1.186	1.327	1.145	1.156	1.179	16.30
71)	P	Bromoform	0.173	0.217	0.179	0.221	0.179	0.197	0.194	10.66
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.887	4.225	3.541	4.204	3.740	3.976	3.762	13.40
74)	T	N-amyl acetate	0.899	1.270	1.218	1.379	1.260	1.349	1.229	14.01
75)	P	1,1,2,2-Tetrac...	0.828	0.968	0.898	0.956	0.837	0.878	0.894	6.55
76)	T	1,2,3-Trichlor...	0.641	0.745	0.668	0.692	0.713	0.648	0.684	5.89
77)	T	Bromobenzene	0.742	1.003	0.832	0.938	0.830	0.855	0.867	10.56
78)	T	n-propylbenzene	3.690	5.527	4.583	5.294	4.674	4.833	4.767	13.47
79)	T	2-Chlorotoluene	2.315	3.305	2.744	3.116	2.738	2.818	2.839	12.07
80)	T	1,3,5-Trimethy...	2.398	3.601	3.066	3.453	3.070	3.232	3.136	13.37
81)	T	trans-1,4-Dich...	0.240	0.282	0.275	0.328	0.300	0.325	0.292	11.45
82)	T	4-Chlorotoluene	2.589	3.570	2.964	3.229	2.834	2.906	3.015	11.32
83)	T	tert-Butylbenzene	2.053	3.027	2.533	2.963	2.789	2.787	2.692	13.27
84)	T	1,2,4-Trimethy...	2.416	3.676	3.169	3.522	3.121	3.217	3.187	13.69
85)	T	sec-Butylbenzene	3.303	4.791	3.959	4.485	3.961	4.142	4.107	12.42
86)	T	p-Isopropyltol...	2.637	3.980	3.263	3.674	3.195	3.428	3.363	13.61
87)	T	1,3-Dichlorobe...	1.544	2.100	1.733	1.838	1.585	1.669	1.745	11.64
88)	T	1,4-Dichlorobe...	1.574	2.073	1.685	1.881	1.599	1.704	1.753	10.88
89)	T	n-Butylbenzene	2.619	3.912	3.198	3.767	3.306	3.489	3.382	13.64
90)	T	Hexachloroethane	0.518	0.751	0.589	0.683	0.600	0.652	0.632	12.83
91)	T	1,2-Dichlorobe...	1.337	1.845	1.557	1.691	1.470	1.577	1.579	11.13
92)	T	1,2-Dibromo-3-...	0.139	0.156	0.152	0.164	0.150	0.162	0.154	5.79
93)	T	1,2,4-Trichlor...	0.751	1.053	0.853	1.087	0.878	0.987	0.935	13.84
94)	T	Hexachlorobuta...	0.394	0.507	0.379	0.470	0.425	0.446	0.437	10.96
95)	T	Naphthalene	1.647	2.102	2.079	2.551	2.332	2.476	2.198	15.05
96)	T	1,2,3-Trichlor...	0.682	0.956	0.767	0.893	0.825	0.917	0.840	12.25

(#) = Out of Range

2-Chloroethyl Vinyl ether

Response Ratio



$$\text{Response} = 2.265\text{e-}001 * \text{Amt} - 7.146\text{e-}002$$

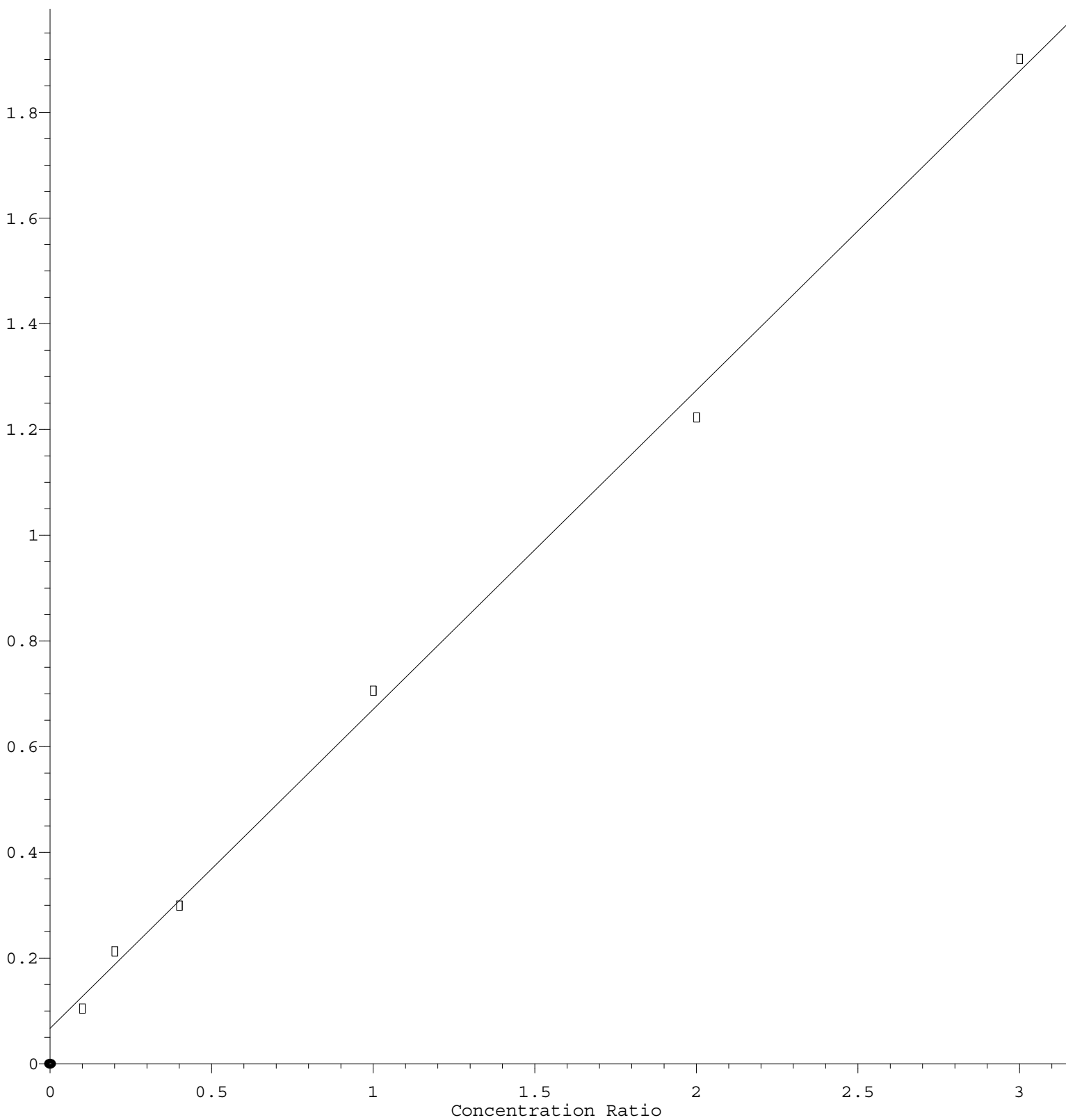
Coef of Det (r^2) = 0.997543 Curve Fit: Linear

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Methylene Chloride

Response Ratio



$$\text{Response} = 6.037\text{e-}001 * \text{Amt} + 6.676\text{e-}002$$

Coef of Det (r^2) = 0.997703 Curve Fit: Linear

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