

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X120425W.M
 Title : SW846 8260
 Last Update : Fri Dec 05 03:27:34 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX048714.D 5 =VX048715.D 20 =VX048716.D 50 =VX048717.D 100 =VX048718.D 150 =VX048719.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.478	0.435	0.536	0.572	0.496	0.540	0.509	9.72
3) P	Chloromethane	0.725	0.555	0.597	0.645	0.671	0.664	0.643	9.29
4) C	Vinyl Chloride	0.704	0.624	0.667	0.709	0.700	0.704	0.685	4.87#
5) T	Bromomethane		0.439	0.431	0.467	0.441	0.338	0.423	11.68
6) T	Chloroethane	0.516	0.366	0.394	0.426	0.434	0.420	0.426	11.88
7) T	Trichlorofluor...	0.999	0.934	0.972	1.032	0.940	1.011	0.981	4.01
8) T	Diethyl Ether	0.445	0.357	0.341	0.380	0.435	0.392	0.392	10.58
9) T	1,1,2-Trichlor...	0.591	0.565	0.555	0.596	0.522	0.585	0.569	4.90
10) T	Methyl Iodide		0.589	0.745	0.865	0.957	0.893	0.810	17.96
11) T	Tert butyl alc...		0.086	0.106	0.115	0.137	0.098	0.108	17.56
12) CM	1,1-Dichloroet...	0.607	0.533	0.560	0.601	0.584	0.598	0.581	4.95#
13) T	Acrolein		0.065	0.067	0.086	0.117	0.119	0.091	28.91
14) T	Allyl chloride	1.104	0.725	0.973	1.075	1.172	0.799	0.975	18.29
15) T	Acrylonitrile	0.366	0.256	0.326	0.367	0.423	0.288	0.338	17.97
16) T	Acetone	0.319	0.213	0.221	0.247	0.286	0.255	0.257	15.61
17) T	Carbon Disulfide	1.975	1.314	1.640	1.773	1.732	1.683	1.686	12.83
18) T	Methyl Acetate	0.831	0.525	0.697	0.777	0.907	0.600	0.723	19.86
19) T	Methyl tert-bu...	2.162	1.452	1.778	1.996	2.253	1.697	1.890	16.03
20) T	Methylene Chlo...	0.841	0.524	0.586	0.650	0.718	0.534	0.642	18.95
21) T	trans-1,2-Dich...	0.705	0.487	0.571	0.626	0.642	0.524	0.593	13.63
22) T	Diisopropyl ether	2.158	1.457	1.895	1.567	2.280	1.573	1.822	18.81
23) T	Vinyl Acetate	1.537	1.176	1.611	1.382	2.071	1.407	1.531	19.86
24) P	1,1-Dichloroet...	1.208	0.803	1.038	0.910	1.223	0.914	1.016	16.91
25) T	2-Butanone	0.399	0.286	0.402	0.337	0.507	0.344	0.379	20.00
26) T	2,2-Dichloropr...	1.068	0.780	0.883	0.831	0.994	0.839	0.899	12.22
27) T	cis-1,2-Dichlo...	0.776	0.559	0.634	0.629	0.785	0.630	0.669	13.63
28) T	Bromochloromet...	0.565	0.416	0.496	0.417	0.611	0.483	0.498	15.73
29) T	Tetrahydrofuran	0.318	0.214	0.287	0.248	0.363	0.306	0.290	18.22
30) C	Chloroform	1.260	0.905	1.053	0.981	1.212	1.121	1.089	12.46#
31) T	Cyclohexane		0.969	0.963	0.797	0.861	0.946	0.907	8.33
32) T	1,1,1-Trichlor...	1.091	0.859	0.955	0.912	1.013	1.023	0.975	8.59
33) S	1,2-Dichloroet...		0.677	0.618	0.578	0.787	0.695	0.671	11.91
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.316	0.359	0.334	0.355	0.357	0.344	5.37
36) T	1,1-Dichloropr...	0.522	0.461	0.516	0.439	0.422	0.469	0.472	8.63
37) T	Ethyl Acetate	0.555	0.474	0.655	0.540	0.688	0.469	0.563	16.19
38) T	Carbon Tetrach...	0.501	0.572	0.590	0.528	0.476	0.538	0.534	8.00
39) T	Methylcyclohexane	0.539	0.540	0.550	0.642	0.478	0.596	0.558	10.06
40) TM	Benzene	1.508	1.396	1.314	1.323	1.402	1.444	1.398	5.24
41) T	Methacrylonitrile	0.217	0.205	0.302	0.242	0.307	0.264	0.256	16.65
42) TM	1,2-Dichloroet...	0.554	0.497	0.439	0.452	0.525	0.502	0.495	8.74
43) T	Isopropyl Acetate	0.878	0.867	0.738	0.756	0.969	0.910	0.853	10.49
44) TM	Trichloroethene	0.387	0.340	0.363	0.367	0.345	0.387	0.365	5.42
45) C	1,2-Dichloropr...	0.339	0.341	0.314	0.383	0.360	0.360	0.349	6.75#
46) T	Dibromomethane	0.256	0.257	0.242	0.289	0.273	0.271	0.265	6.18
47) T	Bromodichlorom...	0.595	0.538	0.488	0.587	0.555	0.551	0.552	6.98
48) T	Methyl methacr...	0.427	0.395	0.355	0.465	0.480	0.453	0.429	10.99
49) T	1,4-Dioxane	0.006	0.005	0.005	0.006	0.007	0.006	0.006	10.25
50) S	Toluene-d8		1.281	1.161	1.312	1.051	1.228	1.207	8.63
51) T	4-Methyl-2-Pen...	0.547	0.544	0.470	0.605	0.460	0.552	0.530	10.40
52) CM	Toluene	0.838	0.786	0.831	0.964	0.751	0.888	0.843	8.96#
53) T	t-1,3-Dichloro...	0.543	0.445	0.490	0.600	0.495	0.581	0.526	11.30
54) T	cis-1,3-Dichlo...	0.540	0.537	0.531	0.644	0.524	0.613	0.565	8.94
55) T	1,1,2-Trichlor...	0.359	0.316	0.325	0.378	0.310	0.347	0.339	7.85
56) T	Ethyl methacry...	0.492	0.440	0.502	0.627	0.520	0.603	0.531	13.33

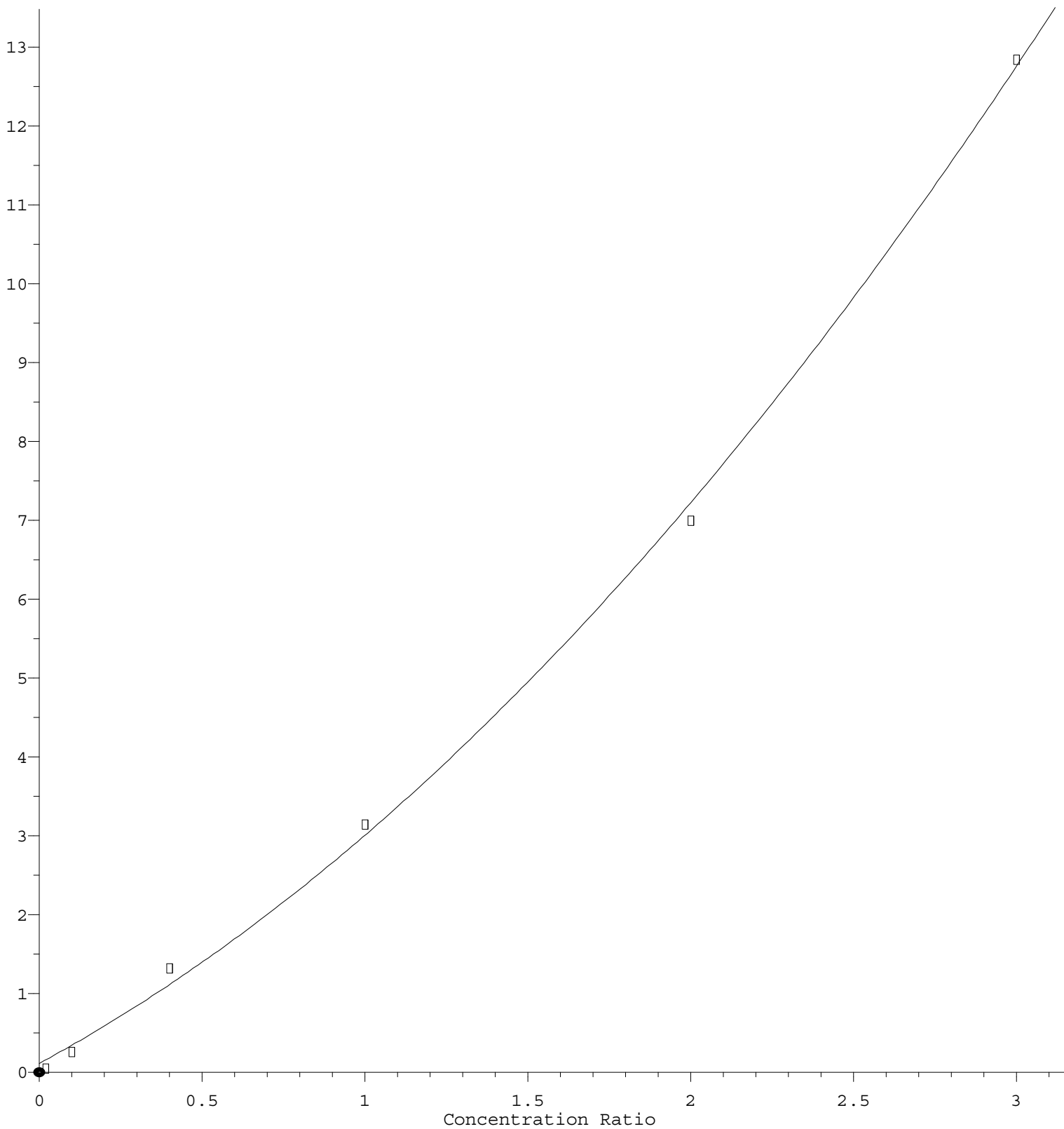
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
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57)	T	1,3-Dichloropr...	0.620	0.509	0.535	0.628	0.513	0.579	0.564	9.39
58)	T	2-Chloroethyl ...	0.227	0.295	0.268	0.344	0.256	0.332	0.287	15.76
59)	T	2-Hexanone	0.383	0.311	0.345	0.442	0.342	0.408	0.372	13.02
60)	T	Dibromochlorom...	0.415	0.390	0.412	0.467	0.401	0.431	0.419	6.54
61)	T	1,2-Dibromoethane	0.388	0.334	0.356	0.411	0.343	0.372	0.367	7.85
62)	S	4-Bromofluorob...	0.416	0.418	0.459	0.397	0.391	0.416		6.39
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.383	0.367	0.358	0.353	0.315	0.410	0.364	8.76
65)	PM	Chlorobenzene	1.181	1.082	1.060	1.087	1.044	1.113	1.094	4.45
66)	T	1,1,1,2-Tetrac...	0.434	0.376	0.367	0.380	0.382	0.410	0.391	6.47
67)	C	Ethyl Benzene	1.741	1.720	1.759	1.893	1.702	1.900	1.786	4.93#
68)	T	m/p-Xylenes	0.699	0.675	0.684	0.717	0.664	0.736	0.696	3.89
69)	T	o-Xylene	0.577	0.634	0.658	0.678	0.653	0.712	0.652	6.98
70)	T	Styrene	0.989	1.068	1.129	1.170	1.134	1.223	1.119	7.28
71)	P	Bromoform	0.334	0.331	0.335	0.328	0.372	0.395	0.349	7.94
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.175	3.265	3.404	3.633	3.155	3.586	3.369	6.12
74)	T	N-amyl acetate	1.397	1.236	1.349	1.738	1.491	1.572	1.464	12.11
75)	P	1,1,2,2-Tetrac...	1.297	1.035	1.035	1.179	1.108	1.168	1.137	8.78
76)	T	1,2,3-Trichlor...	1.093	0.906	0.839	0.958	0.885	0.906	0.931	9.43
77)	T	Bromobenzene	0.906	0.870	0.864	0.886	0.905	0.965	0.899	4.06
78)	T	n-propylbenzene	3.763	3.672	3.959	4.306	3.582	4.133	3.902	7.19
79)	T	2-Chlorotoluene	2.399	2.263	2.342	2.521	2.260	2.493	2.380	4.70
80)	T	1,3,5-Trimethy...	2.581	2.644	2.831	2.948	2.635	2.978	2.770	6.22
81)	T	trans-1,4-Dich...	0.318	0.364	0.416	0.416	0.447	0.392		12.98
82)	T	4-Chlorotoluene	2.746	2.550	2.779	2.984	2.667	2.936	2.777	5.87
83)	T	tert-Butylbenzene	2.630	2.796	2.928	3.026	2.744	3.143	2.878	6.61
84)	T	1,2,4-Trimethy...	2.583	2.631	2.811	2.983	2.715	3.039	2.794	6.66
85)	T	sec-Butylbenzene	3.257	3.441	3.572	3.766	3.161	3.728	3.488	7.08
86)	T	p-Isopropyltol...	2.719	2.915	3.051	3.180	2.786	3.236	2.981	7.05
87)	T	1,3-Dichlorobe...	1.691	1.611	1.630	1.647	1.612	1.756	1.658	3.41
88)	T	1,4-Dichlorobe...	1.952	1.640	1.612	1.662	1.639	1.775	1.713	7.60
89)	T	n-Butylbenzene	2.735	2.610	3.077	2.959	2.457	2.909	2.791	8.34
90)	T	Hexachloroethane	0.618	0.555	0.627	0.594	0.538	0.718	0.608	10.50
91)	T	1,2-Dichlorobe...	1.632	1.491	1.702	1.582	1.557	1.680	1.607	4.95
92)	T	1,2-Dibromo-3-...	0.293	0.230	0.273	0.268	0.264	0.332	0.277	12.28
93)	T	1,2,4-Trichlor...	1.053	0.919	1.043	0.997	1.062	1.295	1.062	11.87
94)	T	Hexachlorobuta...	0.500	0.437	0.452	0.395	0.390	0.460	0.439	9.52
95)	T	Naphthalene	2.336	2.578	3.292	3.142	3.497	4.280	3.187	21.73
96)	T	1,2,3-Trichlor...	0.912	0.836	0.989	0.930	1.005	1.203	0.979	12.77

(#) = Out of Range

Naphthalene

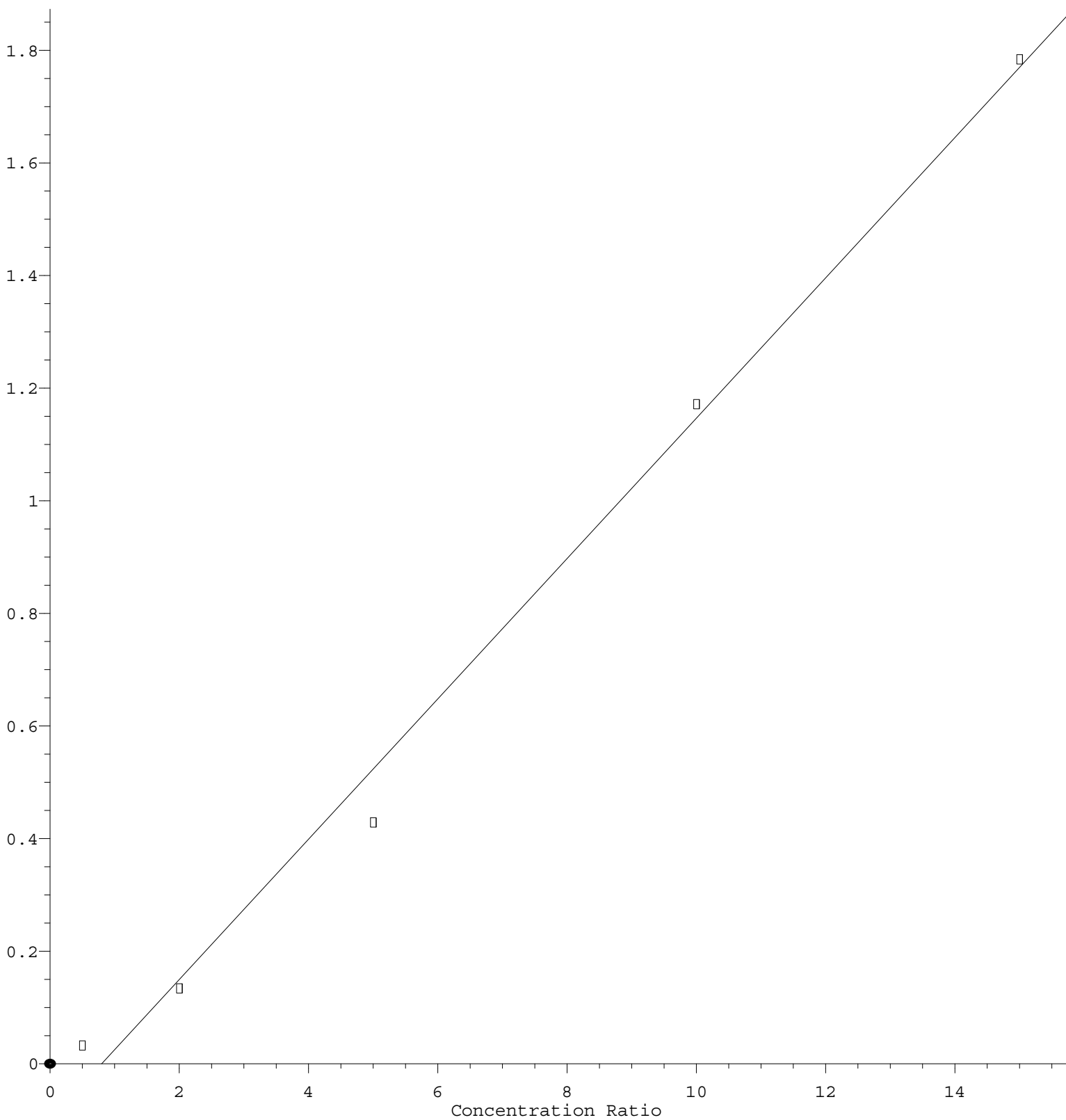
Response Ratio



$R = 6.609e-001 A^2 + 2.232e+000 A + 1.131e-001$
 Coef of Det (r^2) = 0.998889 Curve Fit: Quadratic
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 Calibration Table Last Updated: Fri Dec 05 03:27:34 2025

Acrolein

Response Ratio



$\text{Response} = 1.246\text{e-}001 * \text{Amt} - 1.002\text{e-}001$
 Coef of Det (r^2) = 0.993311 Curve Fit: Linear
 Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X120425W.M
 Calibration Table Last Updated: Fri Dec 05 03:27:34 2025