

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y122624S.M
 Title : SW846 8260
 Last Update : Thu Dec 26 16:12:28 2024
 Response Via : Initial Calibration

Calibration Files

5 =VY020706.D 10 =VY020707.D 20 =VY020708.D 50 =VY020709.D 100 =VY020711.D 150 =VY020710.

D

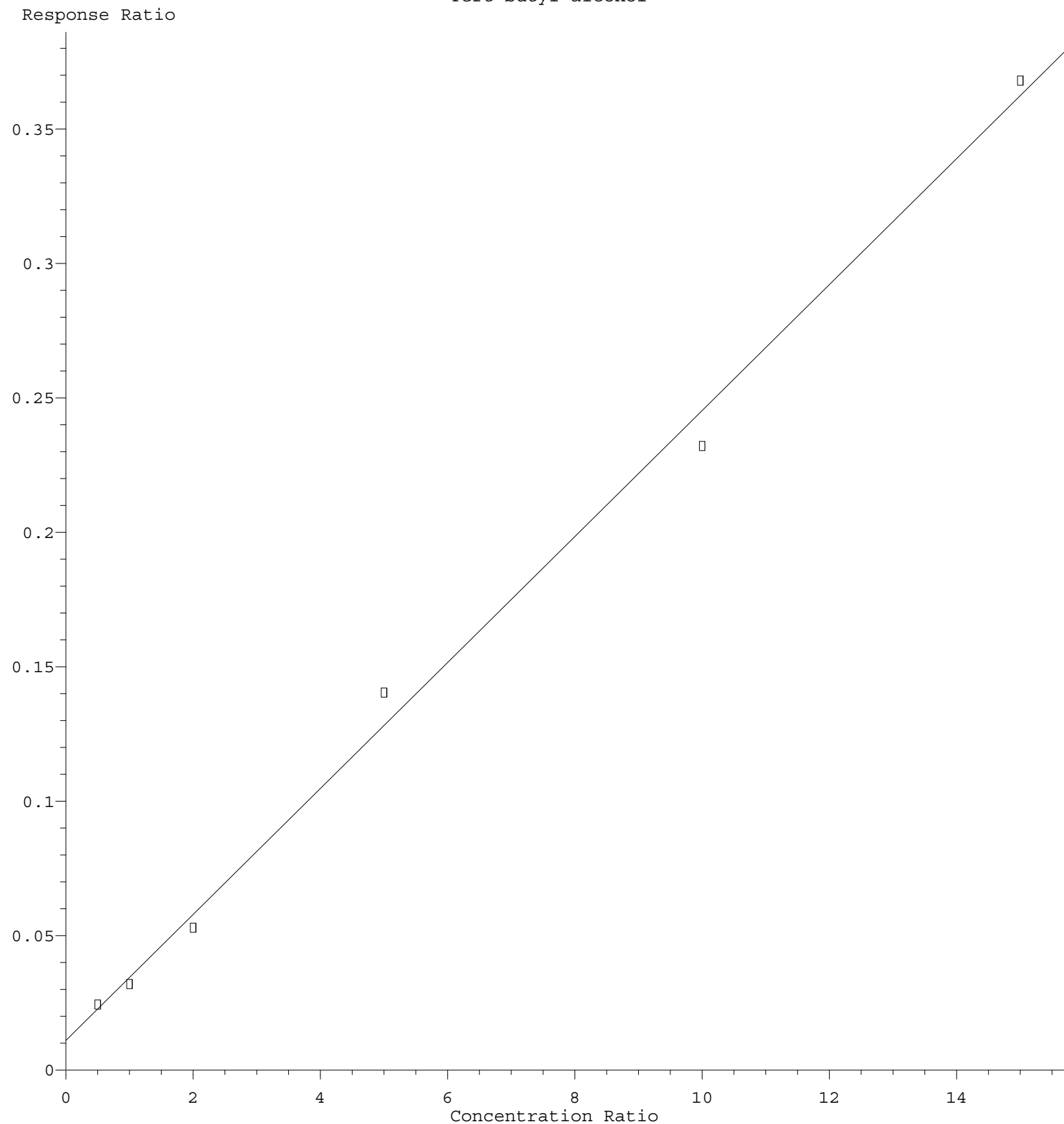
Compound		5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.368	0.453	0.375	0.405	0.385	0.376	0.394	8.03
3) P	Chloromethane	0.136	0.154	0.131	0.157	0.155	0.148	0.147	7.55
4) C	Vinyl Chloride	0.168	0.195	0.176	0.192	0.181	0.178	0.182	5.65#
5) T	Bromomethane	0.131	0.149	0.128	0.141	0.138	0.136	0.137	5.45
6) T	Chloroethane	0.101	0.116	0.102	0.113	0.111	0.112	0.109	5.60
7) T	Trichlorofluor...	0.651	0.767	0.686	0.715	0.689	0.689	0.699	5.55
8) T	Diethyl Ether	0.149	0.171	0.156	0.178	0.175	0.169	0.166	6.77
9) T	1,1,2-Trichlor...	0.346	0.428	0.378	0.391	0.385	0.376	0.384	6.92
10) T	Methyl Iodide	0.355	0.420	0.396	0.453	0.450	0.445	0.420	9.20
11) T	Tert butyl alc...	0.049	0.032	0.026	0.028	0.023	0.025	0.031	30.94
12) CM	1,1-Dichloroet...	0.326	0.359	0.330	0.352	0.344	0.340	0.342	3.73#
13) T	Acrolein	0.010	0.012	0.012	0.006	0.006	0.006	0.009	33.13
14) T	Allyl chloride	0.356	0.425	0.389	0.414	0.412	0.403	0.400	6.16
15) T	Acrylonitrile	0.058	0.068	0.060	0.071	0.064	0.065	0.064	7.69
16) T	Acetone	0.050	0.068	0.045	0.054	0.046	0.048	0.052	16.75
17) T	Carbon Disulfide	0.745	0.854	0.769	0.906	0.889	0.867	0.838	7.86
18) T	Methyl Acetate	0.115	0.155	0.132	0.159	0.140	0.144	0.141	11.41
19) T	Methyl tert-bu...	0.880	1.004	0.922	1.015	0.951	0.942	0.952	5.34
20) T	Methylene Chlo...	0.324	0.365	0.328	0.343	0.338	0.329	0.338	4.47
21) T	trans-1,2-Dich...	0.339	0.378	0.356	0.391	0.378	0.368	0.368	4.98
22) T	Diisopropyl ether	0.729	0.884	0.804	0.857	0.819	0.785	0.813	6.73
23) T	Vinyl Acetate	0.430	0.498	0.469	0.537	0.491	0.488	0.486	7.27
24) P	1,1-Dichloroet...	0.571	0.661	0.596	0.620	0.620	0.591	0.609	5.11
25) T	2-Butanone	0.069	0.069	0.066	0.080	0.067	0.071	0.070	6.95
26) T	2,2-Dichloropr...	0.755	0.811	0.722	0.750	0.725	0.713	0.746	4.78
27) T	cis-1,2-Dichlo...	0.419	0.460	0.426	0.462	0.447	0.432	0.441	4.08
28) T	Bromochloromet...	0.133	0.151	0.129	0.193	0.184	0.178	0.161	16.93
29) T	Tetrahydrofuran	0.040	0.045	0.040	0.049	0.041	0.044	0.043	8.24
30) C	Chloroform	0.839	0.821	0.753	0.788	0.762	0.742	0.784	4.99#
31) T	Cyclohexane	0.629	0.582	0.493	0.510	0.479	0.463	0.526	12.40
32) T	1,1,1-Trichlor...	0.814	0.897	0.826	0.859	0.831	0.816	0.840	3.78
33) S	1,2-Dichloroet...	0.335	0.402	0.313	0.516	0.457	0.433	0.410	18.66
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.235	0.274	0.232	0.319	0.307	0.284	0.275	13.05
36) T	1,1-Dichloropr...	0.337	0.393	0.350	0.374	0.370	0.359	0.364	5.34
37) T	Ethyl Acetate	0.116	0.110	0.120	0.133	0.117	0.123	0.120	6.49
38) T	Carbon Tetrach...	0.556	0.644	0.581	0.614	0.606	0.593	0.599	5.03
39) T	Methylcyclohexane	0.427	0.483	0.462	0.485	0.474	0.468	0.466	4.55
40) TM	Benzene	0.969	1.104	1.040	1.089	1.083	1.041	1.054	4.68
41) T	Methacrylonitrile	0.051	0.058	0.067	0.056	0.065	0.065	0.061	10.48
42) TM	1,2-Dichloroet...	0.297	0.352	0.325	0.364	0.348	0.342	0.338	7.04
43) T	Isopropyl Acetate	0.229	0.246	0.240	0.287	0.261	0.265	0.255	8.13
44) TM	Trichloroethene	0.288	0.336	0.315	0.324	0.317	0.309	0.315	5.06
45) C	1,2-Dichloropr...	0.205	0.230	0.205	0.225	0.211	0.204	0.213	5.29#
46) T	Dibromomethane	0.138	0.153	0.140	0.159	0.148	0.148	0.148	5.32
47) T	Bromodichlorom...	0.384	0.444	0.415	0.433	0.421	0.416	0.419	4.89
48) T	Methyl methacr...	0.106	0.119	0.112	0.131	0.124	0.122	0.119	7.40
49) T	1,4-Dioxane	0.001	0.001	0.001	0.002	0.001	0.002	0.001	16.30
50) S	Toluene-d8	0.733	0.883	0.733	1.227	1.158	1.093	0.971	22.39
51) T	4-Methyl-2-Pen...	0.111	0.123	0.117	0.140	0.121	0.126	0.123	7.76
52) CM	Toluene	0.654	0.751	0.722	0.745	0.741	0.723	0.723	4.92#
53) T	t-1,3-Dichloro...	0.318	0.366	0.352	0.403	0.386	0.382	0.368	8.17
54) T	cis-1,3-Dichlo...	0.361	0.408	0.395	0.430	0.413	0.410	0.403	5.78
55) T	1,1,2-Trichlor...	0.182	0.187	0.186	0.199	0.188	0.189	0.188	3.08

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56)	T	Ethyl methacry...	0.193	0.249	0.243	0.277	0.258	0.266	0.248	11.94
57)	T	1,3-Dichloropr...	0.265	0.310	0.299	0.334	0.315	0.312	0.306	7.47
58)	T	2-Chloroethyl ...	0.067	0.079	0.079	0.102	0.095	0.096	0.086	15.15
59)	T	2-Hexanone	0.066	0.077	0.078	0.096	0.083	0.087	0.081	12.38
60)	T	Dibromochlorom...	0.276	0.321	0.294	0.316	0.312	0.309	0.305	5.52
61)	T	1,2-Dibromoethane	0.158	0.179	0.175	0.191	0.178	0.184	0.177	6.11
62)	S	4-Bromofluorob...	0.303	0.378	0.319	0.426	0.397	0.373	0.366	12.82
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.308	0.360	0.348	0.351	0.346	0.337	0.342	5.28
65)	PM	Chlorobenzene	0.925	1.044	0.976	1.002	0.985	0.943	0.979	4.33
66)	T	1,1,1,2-Tetrac...	0.365	0.406	0.367	0.390	0.383	0.366	0.379	4.39
67)	C	Ethyl Benzene	1.540	1.810	1.715	1.778	1.743	1.682	1.711	5.57#
68)	T	m/p-Xylenes	0.590	0.691	0.649	0.675	0.667	0.643	0.653	5.40
69)	T	o-Xylene	0.552	0.666	0.639	0.650	0.632	0.603	0.624	6.56
70)	T	Styrene	0.958	1.076	1.061	1.090	1.075	1.022	1.047	4.71
71)	P	Bromoform	0.188	0.227	0.212	0.241	0.222	0.218	0.218	8.20
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.123	3.801	3.508	3.476	3.474	3.402	3.464	6.27
74)	T	N-amyl acetate	0.391	0.483	0.476	0.547	0.518	0.538	0.492	11.64
75)	P	1,1,2,2-Tetrac...	0.430	0.438	0.438	0.476	0.431	0.451	0.444	3.85
76)	T	1,2,3-Trichlor...	0.376	0.226	0.360	0.300	0.284	0.362	0.318	18.29
77)	T	Bromobenzene	0.762	0.827	0.779	0.816	0.805	0.796	0.797	3.01
78)	T	n-propylbenzene	3.521	4.231	3.972	3.896	3.902	3.774	3.883	6.02
79)	T	2-Chlorotoluene	2.010	2.378	2.228	2.258	2.226	2.180	2.213	5.43
80)	T	1,3,5-Trimethy...	2.645	3.101	2.909	2.947	2.903	2.812	2.886	5.24
81)	T	trans-1,4-Dich...	0.151	0.153	0.155	0.175	0.165	0.165	0.161	5.87
82)	T	4-Chlorotoluene	2.099	2.437	2.294	2.344	2.310	2.240	2.287	4.95
83)	T	tert-Butylbenzene	2.487	2.888	2.751	2.727	2.687	2.632	2.695	4.94
84)	T	1,2,4-Trimethy...	2.513	2.946	2.860	2.888	2.867	2.777	2.809	5.51
85)	T	sec-Butylbenzene	3.316	3.880	3.730	3.676	3.653	3.540	3.633	5.25
86)	T	p-Isopropyltol...	2.922	3.487	3.288	3.295	3.259	3.173	3.237	5.74
87)	T	1,3-Dichlorobe...	1.428	1.670	1.567	1.578	1.579	1.529	1.559	5.06
88)	T	1,4-Dichlorobe...	1.492	1.625	1.562	1.572	1.549	1.502	1.550	3.15
89)	T	n-Butylbenzene	2.356	2.894	2.764	2.757	2.760	2.683	2.702	6.77
90)	T	Hexachloroethane	0.586	0.657	0.601	0.616	0.625	0.609	0.616	3.97
91)	T	1,2-Dichlorobe...	1.197	1.374	1.362	1.410	1.347	1.328	1.336	5.50
92)	T	1,2-Dibromo-3-...	0.068	0.089	0.086	0.098	0.086	0.090	0.086	11.75
93)	T	1,2,4-Trichlor...	0.666	0.826	0.811	0.902	0.944	0.947	0.849	12.58
94)	T	Hexachlorobuta...	0.538	0.652	0.608	0.624	0.658	0.635	0.619	7.05
95)	T	Naphthalene	0.979	1.248	1.290	1.528	1.513	1.604	1.360	17.19
96)	T	1,2,3-Trichlor...	0.531	0.678	0.678	0.773	0.787	0.796	0.707	14.34

(#) = Out of Range

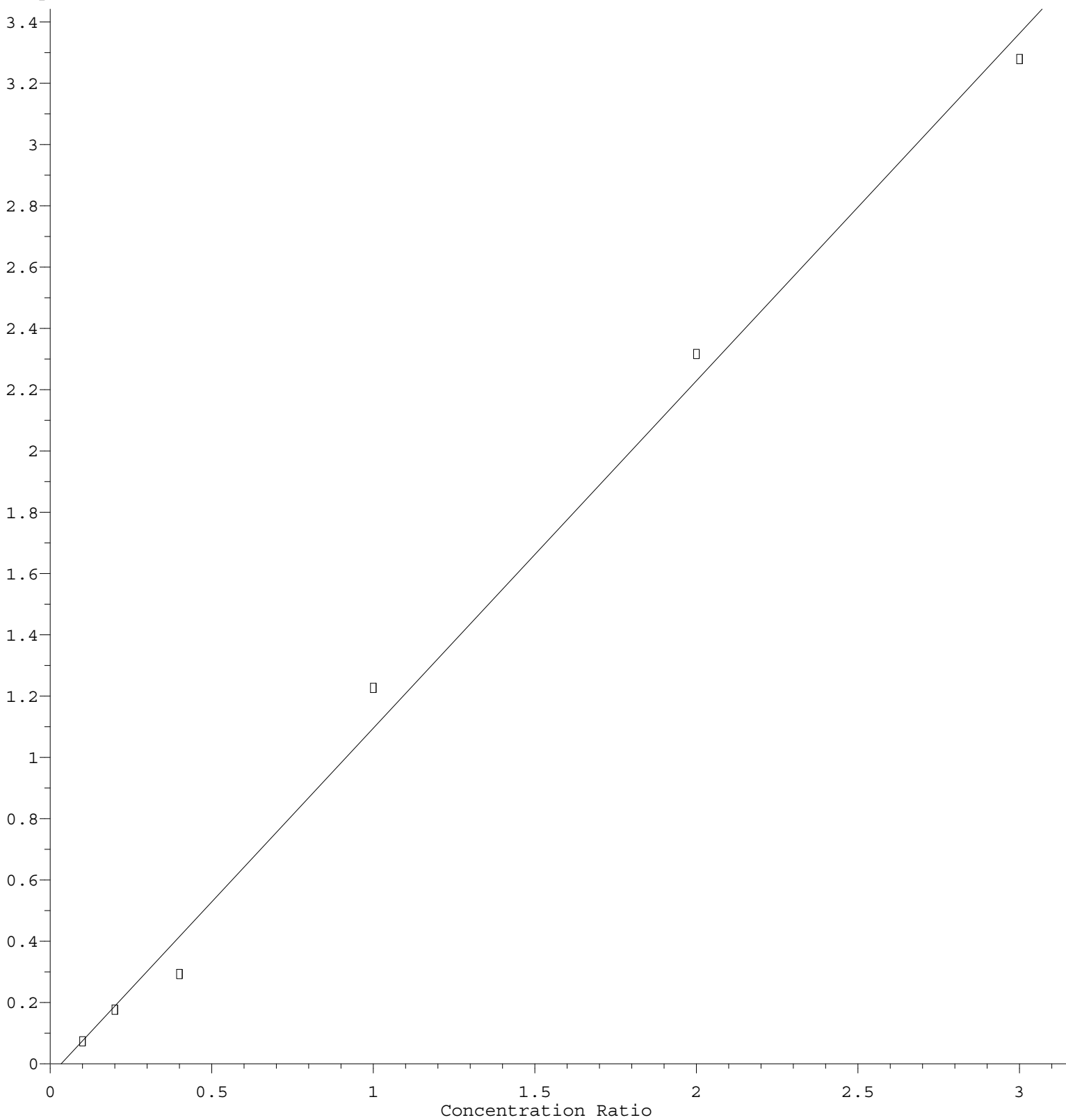
Tert butyl alcohol



Response = 2.347e-002 * Amt + 1.057e-002
 Coef of Det (r^2) = 0.995835 Curve Fit: Linear
 Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y122624S.M
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Toluene-d8

Response Ratio



$$\text{Response} = 1.134\text{e}+000 * \text{Amt} - 3.913\text{e}-002$$

Coef of Det (r^2) = 0.994604 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y122624S.M

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