Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y050724S.M
Title : SW846 8260
Last Update : Wed May 08 01:40:14 2024
Response Via : Initial Calibration

Calibration Files
5 =VY018163.D 10 =VY018164.D 20 =VY018165.D 50 =VY018166.D 100 =VY018170.D 150 =VY018168.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.467	0.397	0.367	0.408	0.387	0.354	0.397	10.01
3)	P	Chloromethane	0.588	0.514	0.457	0.567	0.532	0.527	0.531	8.53
4)	C	Vinyl Chloride	0.724	0.611	0.555	0.696	0.649	0.626	0.643	9.46#
5)	T	Bromomethane	0.519	0.422	0.388	0.460	0.441	0.451	0.447	9.70
6)	T	Chloroethane	0.450	0.395	0.362	0.436	0.404	0.402	0.408	7.71
7)	T	Trichlorofluor...	0.838	0.721	0.678	0.790	0.758	0.737	0.754	7.41
8)	T	Diethyl Ether	0.287	0.235	0.229	0.253	0.236	0.250	0.248	8.46
9)	T	1,1,2-Trichlor...	0.547	0.461	0.435	0.504	0.480	0.455	0.480	8.35
10)	T	Methyl Iodide	0.534	0.520	0.498	0.644	0.575	0.593	0.561	9.61
11)	T	Tert butyl alc...	0.051	0.037	0.040	0.032	0.029	0.032	0.037	21.14
12)	CM	1,1-Dichloroet...	0.533	0.465	0.421	0.520	0.487	0.474	0.484	8.33#
13)	T	Acrolein	0.047	0.044	0.045	0.030	0.035	0.036	0.040	17.23
14)	T	Allyl chloride	0.642	0.610	0.552	0.650	0.616	0.621	0.615	5.64
15)	T	Acrylonitrile	0.103	0.090	0.096	0.094	0.092	0.098	0.095	4.95
16)	T	Acetone	0.076	0.070	0.064	0.074	0.079	0.077	0.073	7.36
17)	T	Carbon Disulfide	1.375	1.184	1.074	1.511	1.396	1.358	1.316	12.05
18)	T	Methyl Acetate	0.264	0.193	0.221	0.194	0.176	0.206	0.209	14.71
19)	T	Methyl tert-bu...	1.168	1.077	1.032	1.078	1.020	1.088	1.077	4.86
20)	T	Methylene Chlo...	0.619	0.530	0.479	0.507	0.502	0.477	0.519	10.22
21)	T	trans-1,2-Dich...	0.577	0.480	0.456	0.550	0.504	0.509	0.513	8.70
22)	T	Diisopropyl ether	1.450	1.297	1.220	1.338	1.223	1.301	1.305	6.52
23)	T	Vinyl Acetate	0.849	0.767	0.742	0.800	0.770	0.830	0.793	5.18
24)	P	1,1-Dichloroet...	0.889	0.783	0.730	0.845	0.781	0.794	0.804	6.92
25)	T	2-Butanone	0.130	0.111	0.112	0.115	0.113	0.123	0.117	6.24
26)	T	2,2-Dichloropr...	0.823	0.699	0.659	0.760	0.719	0.706	0.727	7.86
27)	T	cis-1,2-Dichlo...	0.661	0.584	0.563	0.643	0.584	0.600	0.606	6.27
28)	T	Bromochloromet...	0.308	0.339	0.308	0.312	0.321	0.340	0.321	4.70
29)	T	Tetrahydrofuran	0.089	0.075	0.076	0.074	0.071	0.079	0.077	8.21
30)	C	Chloroform	0.955	0.815	0.777	0.873	0.793	0.821	0.839	7.79#
31)	T	Cyclohexane	0.978	0.767	0.654	0.785	0.709	0.685	0.763	15.20
32)	T	1,1,1-Trichlor...	0.830	0.742	0.679	0.786	0.735	0.739	0.752	6.82
33)	S	1,2-Dichloroet...	0.370	0.376	0.377	0.301	0.389	0.395	0.368	9.30
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.252	0.272	0.268	0.227	0.280	0.277	0.263	7.57
36)	T	1,1-Dichloropr...	0.423	0.363	0.335	0.406	0.369	0.366	0.377	8.46
37)	T	Ethyl Acetate	0.176	0.138	0.157	0.161	0.152	0.168	0.159	8.38
38)	T	Carbon Tetrach...	0.444	0.400	0.363	0.444	0.411	0.407	0.412	7.36
39)	T	Methylcyclohexane	0.616	0.512	0.473	0.603	0.537	0.520	0.543	10.18
40)	TM	Benzene	1.319	1.172	1.115	1.301	1.167	1.195	1.212	6.68
41)	T	Methacrylonitrile	0.112	0.073	0.092	0.098	0.083	0.091	0.092	14.56
42)	TM	1,2-Dichloroet...	0.290	0.250	0.249	0.270	0.253	0.271	0.264	6.13
43)	T	Isopropyl Acetate	0.354	0.314	0.313	0.319	0.307	0.344	0.325	5.92
44)	TM	Trichloroethene	0.361	0.318	0.300	0.357	0.321	0.322	0.330	7.27
45)	C	1,2-Dichloropr...	0.287	0.254	0.252	0.283	0.253	0.261	0.265	6.07#
46)	T	Dibromomethane	0.167	0.146	0.147	0.154	0.144	0.156	0.152	5.58
47)	T	Bromodichlorom...	0.413	0.354	0.351	0.399	0.362	0.380	0.376	6.72
48)	T	Methyl methacr...	0.166	0.138	0.144	0.146	0.140	0.159	0.149	7.52
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	10.18
50)	S	Toluene-d8	0.985	1.084	1.071	0.900	1.107	1.066	1.035	7.54
51)	T	4-Methyl-2-Pen...	0.176	0.152	0.161	0.162	0.154	0.174	0.163	6.22
52)	CM	Toluene	0.861	0.762	0.716	0.830	0.748	0.764	0.780	6.96#
53)	T	t-1,3-Dichloro...	0.350	0.346	0.338	0.367	0.344	0.365	0.352	3.31
54)	T	cis-1,3-Dichlo...	0.464	0.413	0.404	0.445	0.416	0.438	0.430	5.34
55)	T	1,1,2-Trichlor...	0.227	0.209	0.202	0.213	0.194	0.210	0.209	5.22
56)	T	Ethyl methacry...	0.300	0.267	0.283	0.289	0.270	0.296	0.284	4.73

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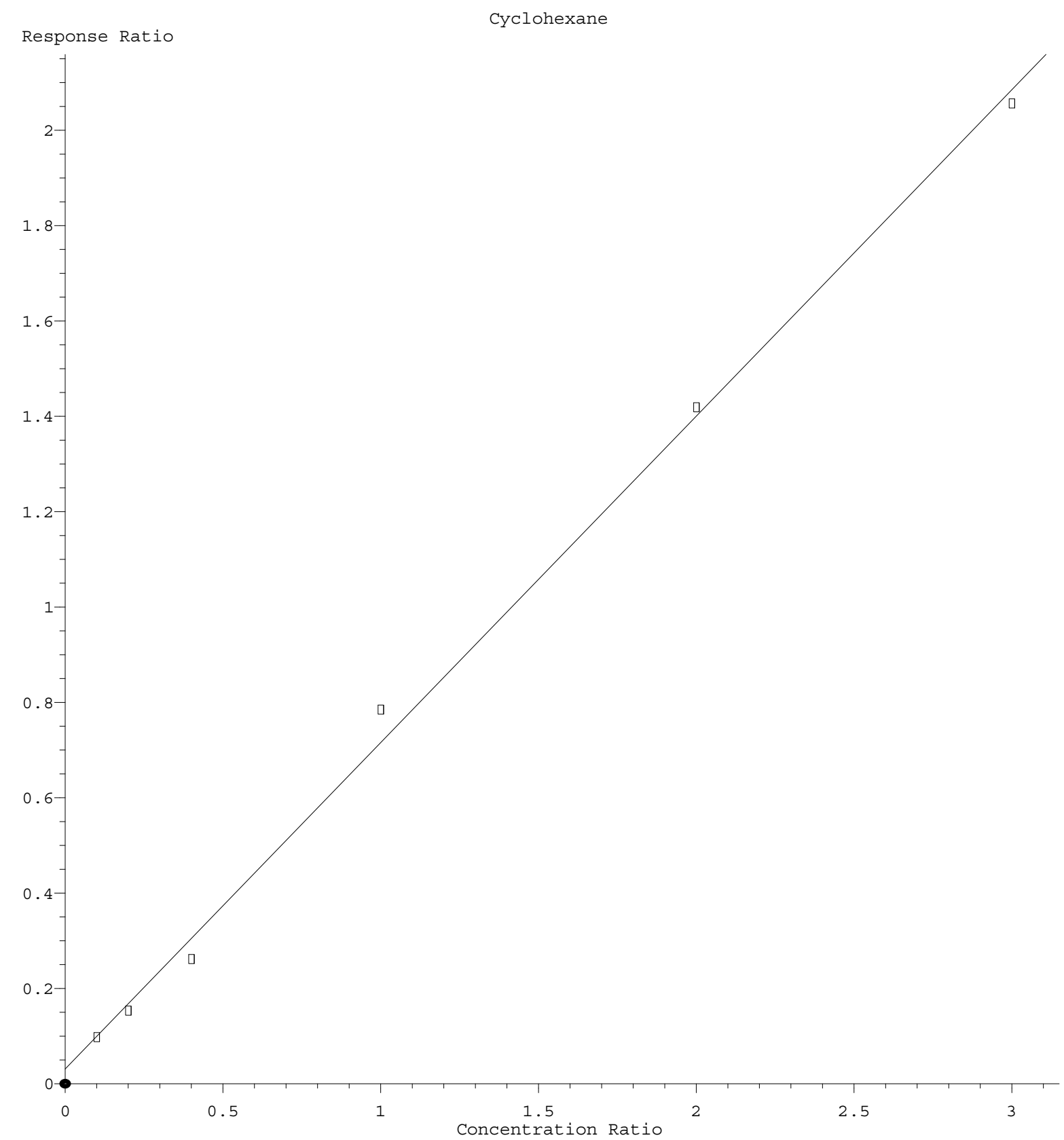
57)	T	1,3-Dichloropr...	0.364	0.335	0.332	0.350	0.322	0.340	0.340	4.32
58)	T	2-Chloroethyl ...	0.140	0.141	0.131	0.118	0.141	0.143	0.136	7.09
59)	T	2-Hexanone	0.121	0.103	0.112	0.116	0.111	0.122	0.114	6.29
60)	T	Dibromochlorom...	0.289	0.259	0.264	0.280	0.259	0.278	0.271	4.59
61)	T	1,2-Dibromoethane	0.217	0.189	0.194	0.199	0.185	0.198	0.197	5.59
62)	S	4-Bromofluorob...	0.345	0.350	0.348	0.279	0.346	0.339	0.334	8.14
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.363	0.326	0.297	0.361	0.327	0.324	0.333	7.57
65)	PM	Chlorobenzene	1.112	0.996	0.927	1.090	0.993	0.992	1.018	6.83
66)	T	1,1,1,2-Tetrac...	0.365	0.310	0.308	0.344	0.322	0.328	0.329	6.64
67)	C	Ethyl Benzene	1.883	1.649	1.581	1.842	1.693	1.668	1.719	6.84#
68)	T	m/p-Xylenes	0.740	0.657	0.616	0.730	0.672	0.666	0.680	6.91
69)	T	o-Xylene	0.725	0.635	0.602	0.690	0.629	0.634	0.653	6.97
70)	T	Styrene	1.174	1.056	0.999	1.163	1.071	1.076	1.090	6.13
71)	P	Bromoform	0.188	0.176	0.175	0.188	0.177	0.190	0.182	3.87
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.264	3.693	3.320	4.007	3.617	3.592	3.749	8.93
74)	T	N-amyl acetate	0.845	0.712	0.741	0.771	0.765	0.834	0.778	6.68
75)	P	1,1,2,2-Tetrac...	0.703	0.575	0.566	0.601	0.550	0.594	0.598	9.17
76)	T	1,2,3-Trichlor...	0.456	0.396	0.372	0.395	0.383	0.400	0.400	7.27
77)	T	Bromobenzene	0.956	0.834	0.778	0.920	0.829	0.851	0.861	7.59
78)	T	n-propylbenzene	4.976	4.261	3.862	4.706	4.234	4.122	4.360	9.34
79)	T	2-Chlorotoluene	2.796	2.372	2.172	2.550	2.316	2.333	2.423	9.04
80)	T	1,3,5-Trimethy...	3.340	2.910	2.656	3.161	2.854	2.815	2.956	8.45
81)	T	trans-1,4-Dich...	0.209	0.201	0.196	0.217	0.201	0.221	0.208	4.76
82)	T	4-Chlorotoluene	2.759	2.350	2.210	2.557	2.362	2.366	2.434	7.96
83)	T	tert-Butylbenzene	3.034	2.727	2.411	2.947	2.642	2.598	2.727	8.47
84)	T	1,2,4-Trimethy...	3.195	2.825	2.631	3.093	2.815	2.814	2.896	7.19
85)	T	sec-Butylbenzene	4.576	3.935	3.589	4.291	3.879	3.727	3.999	9.21
86)	T	p-Isopropyltol...	3.627	3.247	2.970	3.564	3.233	3.100	3.290	7.83
87)	T	1,3-Dichlorobe...	1.851	1.653	1.516	1.753	1.612	1.594	1.663	7.24
88)	T	1,4-Dichlorobe...	1.796	1.600	1.495	1.713	1.563	1.562	1.621	6.89
89)	T	n-Butylbenzene	3.329	2.902	2.674	3.224	2.958	2.778	2.978	8.52
90)	T	Hexachloroethane	0.715	0.618	0.585	0.692	0.638	0.625	0.645	7.56
91)	T	1,2-Dichlorobe...	1.558	1.432	1.316	1.502	1.376	1.392	1.430	6.17
92)	T	1,2-Dibromo-3-...	0.091	0.083	0.078	0.077	0.078	0.082	0.081	6.54
93)	T	1,2,4-Trichlor...	0.833	0.729	0.738	0.845	0.839	0.838	0.804	6.81
94)	T	Hexachlorobuta...	0.479	0.411	0.404	0.493	0.451	0.422	0.443	8.33
95)	T	Naphthalene	1.438	1.325	1.412	1.500	1.495	1.665	1.473	7.74
96)	T	1,2,3-Trichlor...	0.654	0.594	0.624	0.694	0.673	0.718	0.660	6.88

(#) = Out of Range



Response = 6.847e-001 * Amt + 3.086e-002
Coef of Det (r^2) = 0.997463 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y050724S.M
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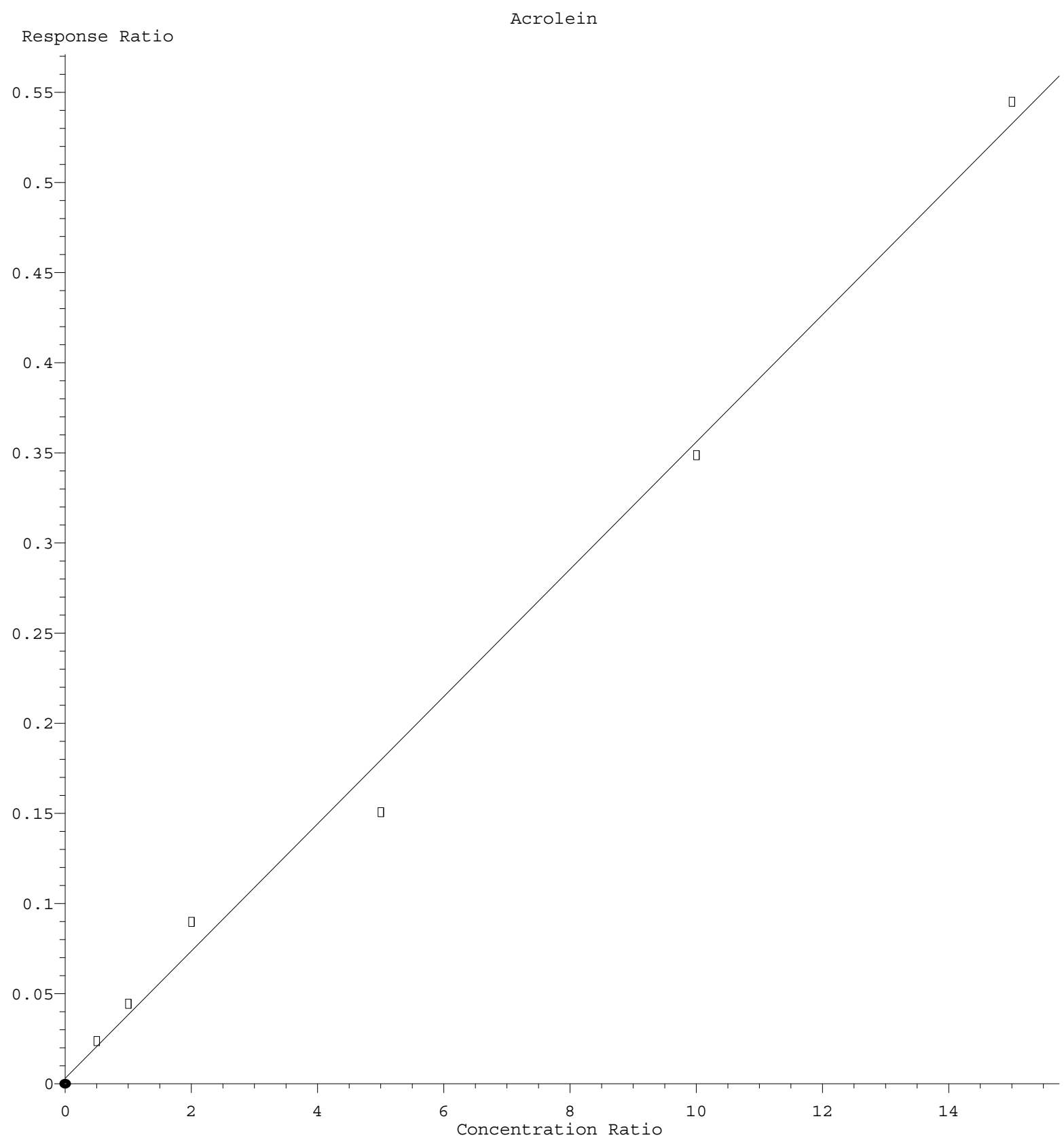
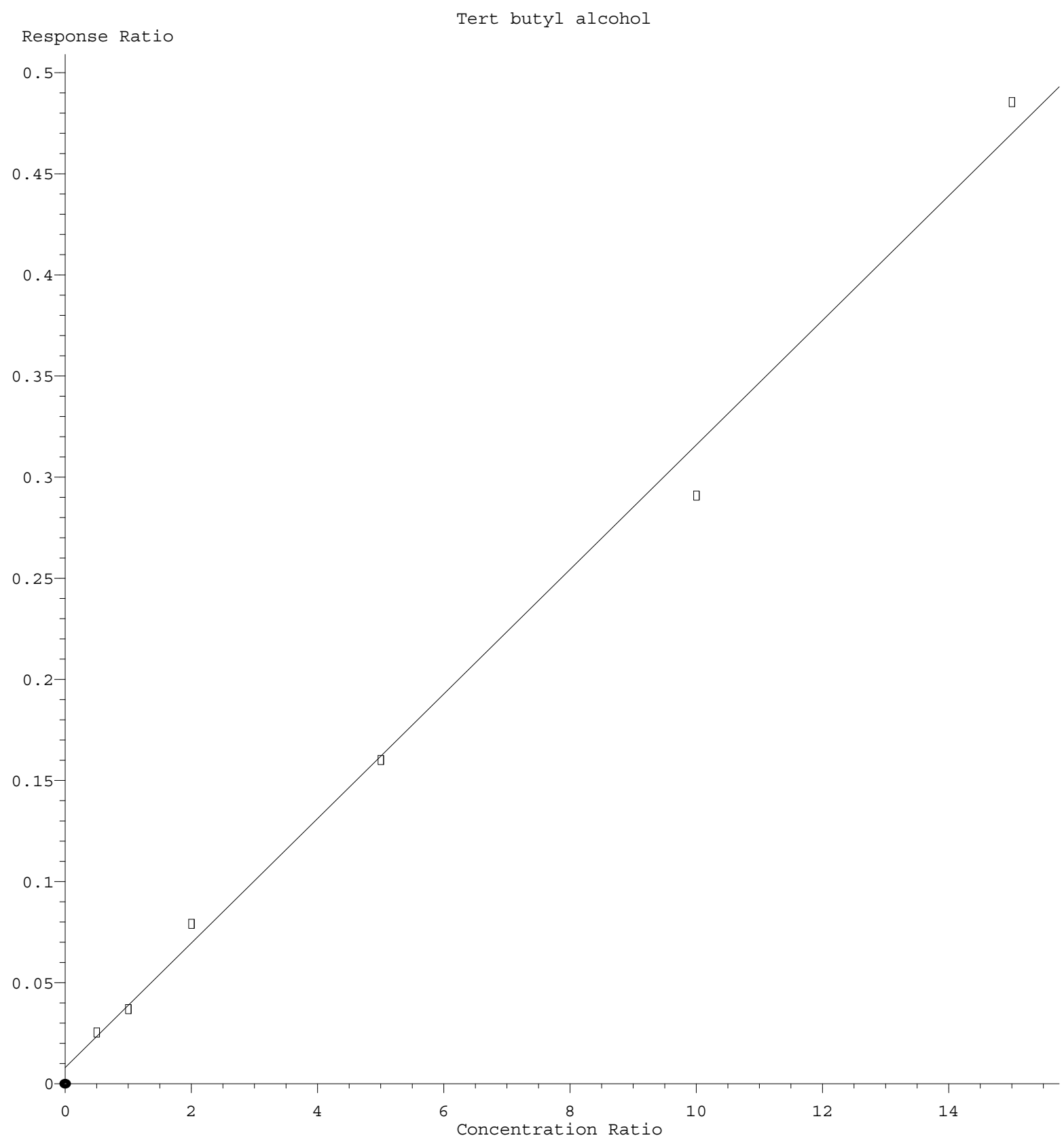


Response = 3.529e-002 * Amt + 3.264e-003
Coef of Det (r^2) = 0.993636 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y050724S.M
Calibration Table Last Updated: Wed May 08 01:40:14 2024



Response = 3.080e-002 * Amt + 7.655e-003
Coef of Det (r^2) = 0.993956 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y050724S.M
Calibration Table Last Updated: Wed May 08 01:40:14 2024