

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D072524S.M
 Title : SW846 8260
 Last Update : Fri Jul 26 12:23:49 2024
 Response Via : Initial Calibration

Calibration Files

5 =VD079399.D 10 =VD079400.D 20 =VD079401.D 50 =VD079402.D 100 =VD079403.D 150 =VD079404.D

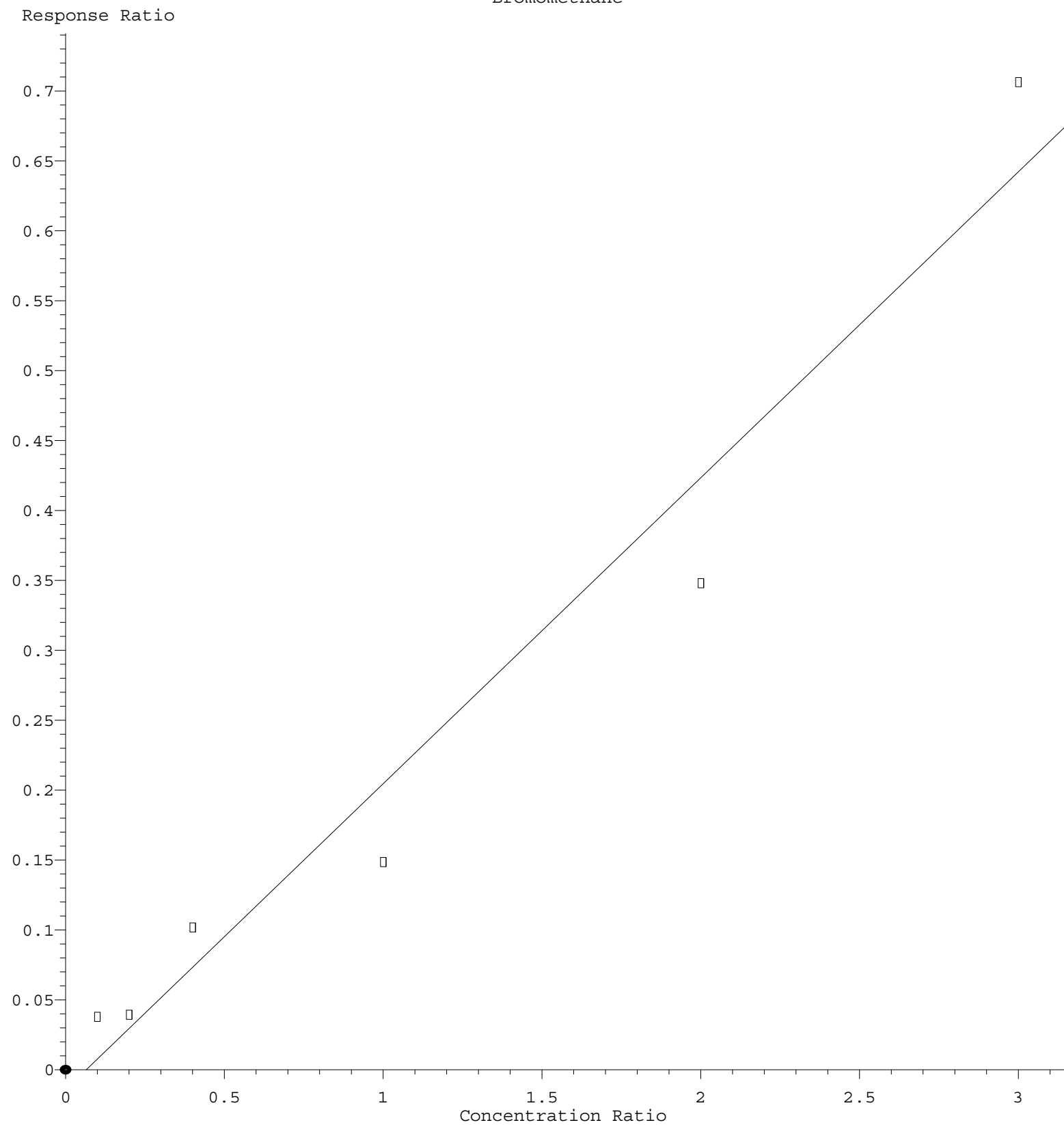
	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.417	0.386	0.346	0.510	0.488	0.466	0.435	14.56
3) P	Chloromethane	0.217	0.263	0.176	0.168	0.248	0.181	0.209	19.13
4) C	Vinyl Chloride	0.245	0.173	0.170	0.148	0.216	0.181	0.189	18.68#
5) T	Bromomethane	0.379	0.197	0.254	0.148	0.174	0.235	0.231	35.44
6) T	Chloroethane	0.224	0.129	0.152	0.088	0.113	0.151	0.143	32.68
7) T	Trichlorofluor...	1.057	1.013	0.930	0.920	0.899	0.901	0.953	6.91
8) T	Diethyl Ether	0.262	0.278	0.263	0.255	0.291	0.292	0.273	5.77
9) T	1,1,2-Trichlor...	0.720	0.677	0.617	0.614	0.587	0.560	0.629	9.35
10) T	Methyl Iodide	0.563	0.609	0.638	0.815	0.768	0.738	0.689	14.45
11) T	Tert butyl alc...	0.039	0.031	0.032	0.025	0.028	0.029	0.031	15.42
12) CM	1,1-Dichloroet...	0.593	0.582	0.563	0.600	0.589	0.576	0.584	2.23#
13) T	Acrolein	0.047	0.049	0.051	0.037	0.047	0.045	0.046	10.85
14) T	Allyl chloride	0.680	0.677	0.694	0.587	0.746	0.737	0.687	8.25
15) T	Acrylonitrile	0.134	0.129	0.125	0.109	0.126	0.126	0.125	6.81
16) T	Acetone	0.101	0.095	0.089	0.079	0.097	0.097	0.093	8.59
17) T	Carbon Disulfide	2.078	2.041	1.929	1.895	1.972	1.894	1.968	3.92
18) T	Methyl Acetate	0.370	0.364	0.309	0.228	0.294	0.294	0.310	16.92
19) T	Methyl tert-bu...	1.137	1.185	1.171	1.154	1.272	1.266	1.197	4.82
20) T	Methylene Chlo...	1.921	1.369	1.018	0.771	0.714	0.680	1.079	45.09
21) T	trans-1,2-Dich...	0.646	0.684	0.639	0.675	0.648	0.635	0.655	3.08
22) T	Diisopropyl ether	1.498	1.645	1.613	1.385	1.603	1.558	1.550	6.17
23) T	Vinyl Acetate	1.112	1.154	1.204	1.053	1.258	1.240	1.170	6.73
24) P	1,1-Dichloroet...	1.253	1.236	1.128	0.983	1.099	1.044	1.124	9.40
25) T	2-Butanone	0.158	0.149	0.135	0.123	0.142	0.140	0.141	8.58
26) T	2,2-Dichloropr...	1.168	1.034	0.936	0.878	0.886	0.857	0.960	12.55
27) T	cis-1,2-Dichlo...	0.784	0.774	0.720	0.786	0.761	0.745	0.762	3.35
28) T	Bromochloromet...	0.522	0.466	0.487	0.425	0.449	0.424	0.462	8.25
29) T	Tetrahydrofuran	0.087	0.090	0.089	0.081	0.090	0.090	0.088	3.98
30) C	Chloroform	1.386	1.313	1.214	1.235	1.132	1.088	1.228	9.02#
31) T	Cyclohexane	1.014	0.974	0.895	0.924	0.898	0.859	0.927	6.16
32) T	1,1,1-Trichlor...	1.113	1.117	1.032	1.029	0.957	0.914	1.027	7.93
33) S	1,2-Dichloroet...	0.576	0.568	0.554	0.470	0.483	0.460	0.518	10.19
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.319	0.346	0.337	0.317	0.308	0.292	0.320	6.11
36) T	1,1-Dichloropr...	0.436	0.472	0.462	0.502	0.485	0.466	0.471	4.70
37) T	Ethyl Acetate	0.173	0.197	0.181	0.171	0.193	0.185	0.183	5.82
38) T	Carbon Tetrach...	0.558	0.531	0.510	0.524	0.496	0.472	0.515	5.75
39) T	Methylcyclohexane	0.474	0.535	0.537	0.626	0.618	0.595	0.564	10.47
40) TM	Benzene	1.444	1.497	1.467	1.560	1.495	1.465	1.488	2.73
41) T	Methacrylonitrile	0.090	0.102	0.093	0.093	0.101	0.103	0.097	5.86
42) TM	1,2-Dichloroet...	0.377	0.367	0.362	0.378	0.344	0.336	0.361	4.83
43) T	Isopropyl Acetate	0.303	0.330	0.328	0.356	0.344	0.344	0.334	5.51
44) TM	Trichloroethene	0.359	0.362	0.349	0.368	0.354	0.340	0.355	2.84
45) C	1,2-Dichloropr...	0.351	0.361	0.355	0.384	0.360	0.344	0.359	3.83#
46) T	Dibromomethane	0.216	0.214	0.217	0.215	0.204	0.201	0.211	3.29
47) T	Bromodichlorom...	0.540	0.520	0.500	0.535	0.504	0.479	0.513	4.53
48) T	Methyl methacr...	0.123	0.151	0.157	0.170	0.163	0.164	0.155	10.86
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	7.35
50) S	Toluene-d8	1.148	1.232	1.239	1.174	1.208	1.176	1.196	2.99
51) T	4-Methyl-2-Pen...	0.158	0.171	0.175	0.196	0.186	0.182	0.178	7.45
52) CM	Toluene	0.804	0.877	0.893	0.994	0.955	0.952	0.913	7.52#
53) T	t-1,3-Dichloro...	0.420	0.439	0.448	0.484	0.464	0.464	0.453	4.92
54) T	cis-1,3-Dichlo...	0.502	0.551	0.529	0.585	0.564	0.556	0.548	5.23
55) T	1,1,2-Trichlor...	0.277	0.280	0.279	0.287	0.266	0.259	0.275	3.67
56) T	Ethyl methacry...	0.256	0.280	0.295	0.353	0.349	0.351	0.314	13.51

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57)	T	1,3-Dichloropr...	0.463	0.458	0.450	0.485	0.461	0.446	0.460	2.94
58)	T	2-Chloroethyl ...	0.110	0.120	0.131	0.141	0.145	0.141	0.131	10.60
59)	T	2-Hexanone	0.113	0.110	0.123	0.135	0.131	0.128	0.123	8.30
60)	T	Dibromochlorom...	0.351	0.358	0.357	0.366	0.347	0.339	0.353	2.63
61)	T	1,2-Dibromoethane	0.270	0.265	0.264	0.276	0.258	0.254	0.265	2.93
62)	S	4-Bromofluorob...	0.333	0.365	0.377	0.362	0.377	0.376	0.365	4.63
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.311	0.331	0.319	0.328	0.314	0.298	0.317	3.84
65)	PM	Chlorobenzene	1.080	1.124	1.085	1.113	1.078	1.044	1.087	2.62
66)	T	1,1,1,2-Tetrac...	0.393	0.401	0.370	0.379	0.365	0.356	0.377	4.52
67)	C	Ethyl Benzene	1.518	1.711	1.742	1.984	1.963	1.922	1.807	10.08#
68)	T	m/p-Xylenes	0.603	0.669	0.718	0.769	0.769	0.753	0.714	9.30
69)	T	o-Xylene	0.528	0.578	0.615	0.702	0.719	0.699	0.640	12.23
70)	T	Styrene	0.873	1.033	1.143	1.259	1.269	1.234	1.135	13.77
71)	P	Bromoform	0.210	0.206	0.193	0.212	0.200	0.201	0.204	3.50
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.957	3.264	3.328	3.730	3.699	3.574	3.425	8.71
74)	T	N-amyl acetate	0.597	0.686	0.708	0.772	0.743	0.700	0.701	8.53
75)	P	1,1,2,2-Tetrac...	0.767	0.749	0.712	0.717	0.663	0.631	0.706	7.25
76)	T	1,2,3-Trichlor...	0.538	0.610	0.434	0.519	0.501	0.461	0.511	12.16
77)	T	Bromobenzene	0.772	0.778	0.812	0.844	0.818	0.802	0.804	3.33
78)	T	n-propylbenzene	3.808	4.067	4.262	4.747	4.573	4.328	4.298	7.88
79)	T	2-Chlorotoluene	2.351	2.370	2.462	2.654	2.553	2.450	2.473	4.62
80)	T	1,3,5-Trimethy...	2.366	2.743	2.900	3.196	3.112	2.960	2.879	10.34
81)	T	trans-1,4-Dich...	0.214	0.223	0.239	0.250	0.242	0.226	0.232	5.81
82)	T	4-Chlorotoluene	2.257	2.601	2.584	2.752	2.654	2.525	2.562	6.56
83)	T	tert-Butylbenzene	2.079	2.239	2.306	2.665	2.632	2.536	2.409	9.83
84)	T	1,2,4-Trimethy...	2.373	2.668	2.926	3.219	3.181	3.066	2.906	11.32
85)	T	sec-Butylbenzene	3.315	3.537	3.728	4.103	4.022	3.833	3.757	7.90
86)	T	p-Isopropyltol...	2.383	2.812	3.040	3.402	3.426	3.293	3.059	13.27
87)	T	1,3-Dichlorobe...	1.631	1.679	1.678	1.758	1.706	1.647	1.683	2.68
88)	T	1,4-Dichlorobe...	1.764	1.770	1.672	1.720	1.661	1.602	1.698	3.83
89)	T	n-Butylbenzene	2.567	2.697	2.908	3.262	3.260	3.120	2.969	9.91
90)	T	Hexachloroethane	0.785	0.728	0.653	0.700	0.679	0.637	0.697	7.72
91)	T	1,2-Dichlorobe...	1.445	1.447	1.456	1.533	1.477	1.409	1.461	2.85
92)	T	1,2-Dibromo-3-...	0.101	0.089	0.090	0.099	0.092	0.091	0.094	5.18
93)	T	1,2,4-Trichlor...	0.773	0.713	0.749	0.854	0.833	0.853	0.796	7.44
94)	T	Hexachlorobuta...	0.488	0.445	0.464	0.468	0.456	0.429	0.458	4.39
95)	T	Naphthalene	1.340	1.377	1.435	1.683	1.763	1.520		12.54
96)	T	1,2,3-Trichlor...	0.688	0.644	0.663	0.764	0.747	0.747	0.709	7.08

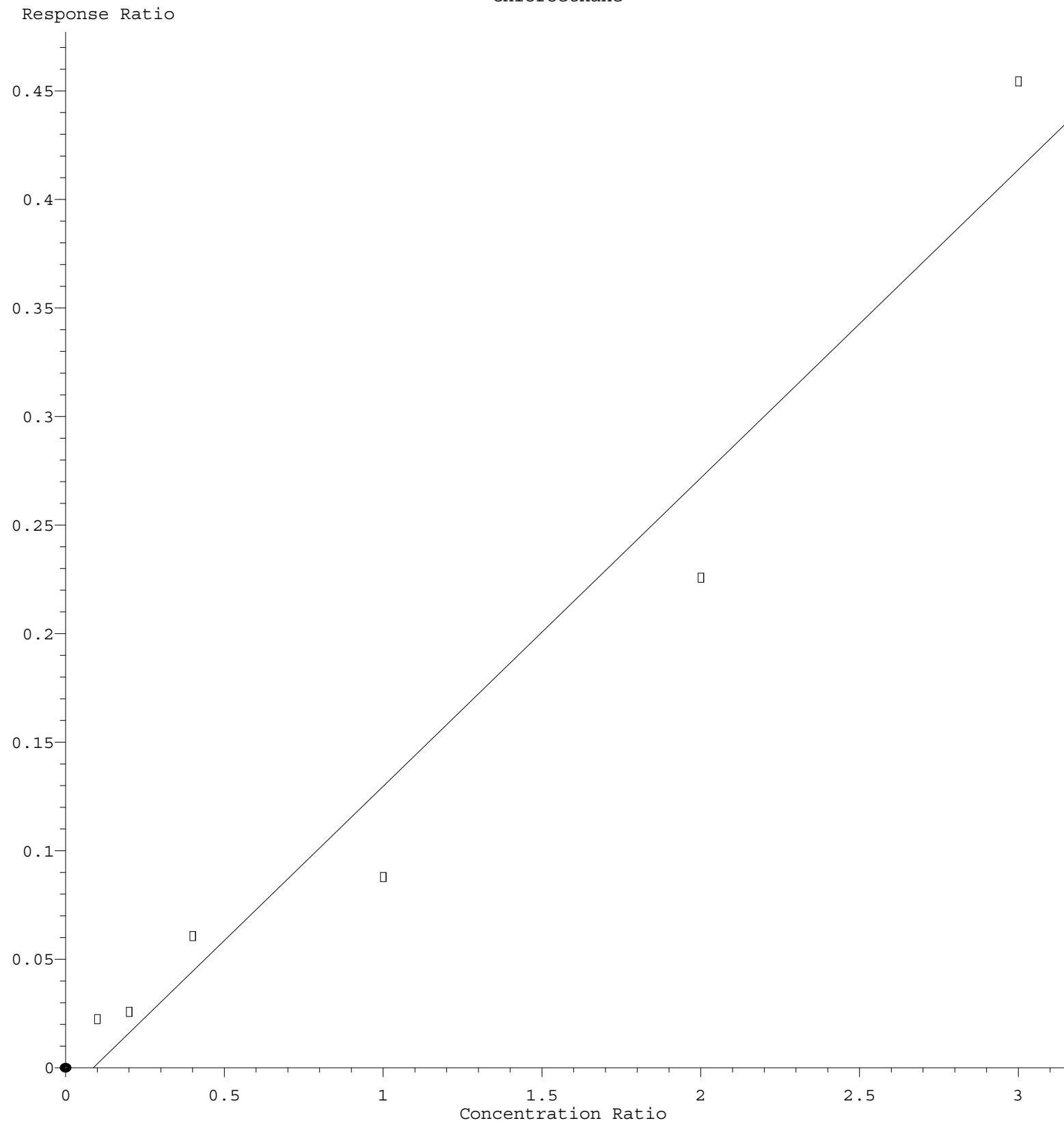
(#) = Out of Range

Bromomethane



Response = 2.189e-001 * Amt - 1.416e-002
 Coef of Det (r^2) = 0.956241 Curve Fit: Linear
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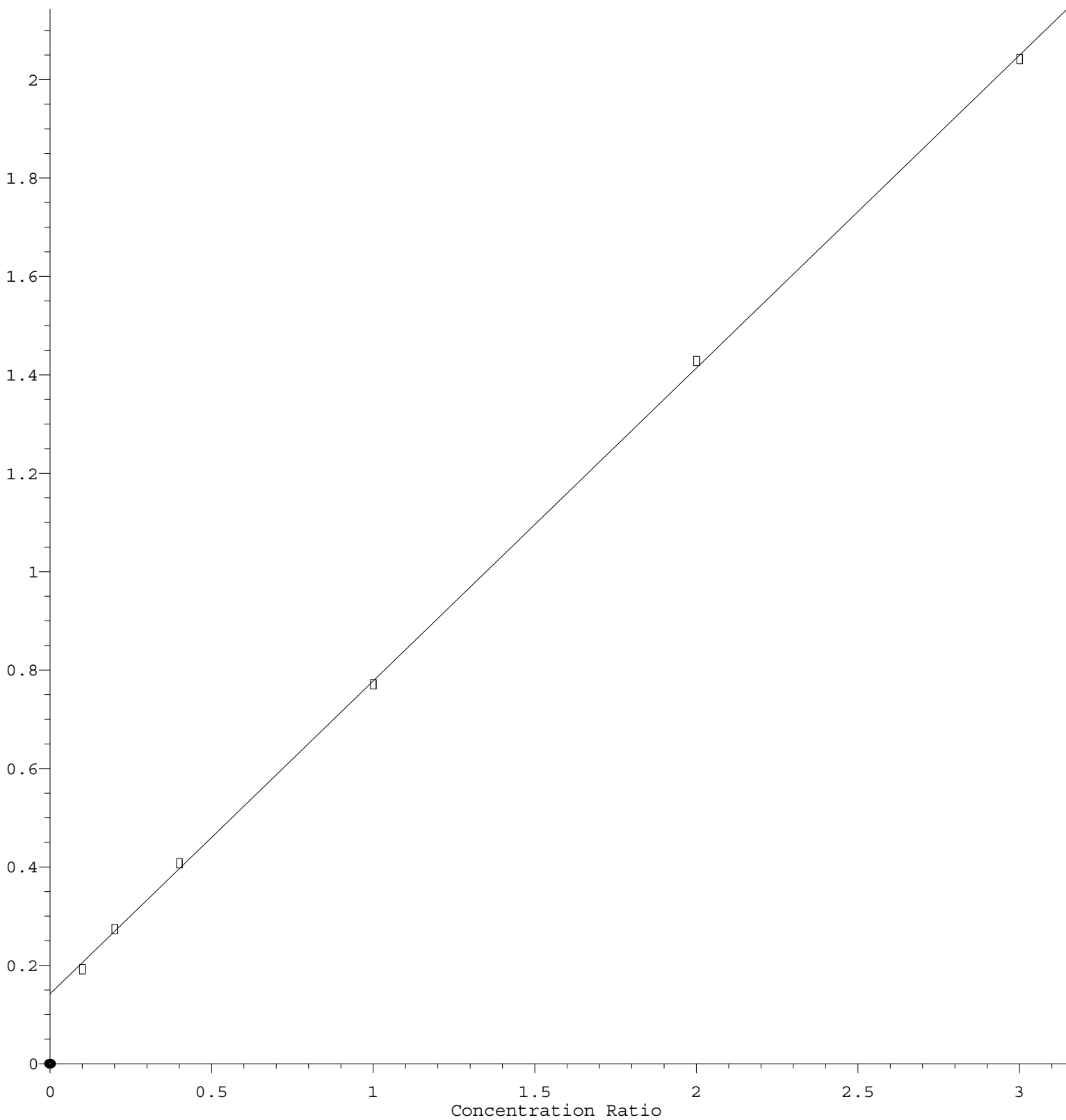
Chloroethane



Response = 1.419e-001 * Amt - 1.237e-002
Coef of Det (r^2) = 0.955657 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA D\Method\82D072524S.M
Calibration Table Last Updated: Fri Jul 26 12:23:49 2024

Methylene Chloride

Response Ratio



$$\text{Response} = 6.358\text{e-}001 * \text{Amt} + 1.423\text{e-}001$$

Coef of Det (r^2) = 0.999765 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA D\Method\82D072524S.M

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