

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D011823S.M
 Title : SW846 8260
 Last Update : Thu Jan 19 01:32:27 2023
 Response Via : Initial Calibration

Calibration Files

10 =VD075125.D 5 =VD075124.D 20 =VD075126.D 50 =VD075127.D 100 =VD075128.D 150 =VD075129.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.507	0.476	0.518	0.365	0.373	0.374	0.435	16.59
3) P	Chloromethane	0.734	0.725	0.686	0.608	0.556	0.566	0.646	12.29
4) C	Vinyl Chloride	0.724	0.741	0.728	0.656	0.641	0.668	0.693	6.21#
5) T	Bromomethane	0.516	0.534	0.461	0.451	0.415	0.451	0.471	9.46
6) T	Chloroethane	0.511	0.496	0.487	0.473	0.445	0.471	0.481	4.74
7) T	Trichlorofluor...	0.897	0.959	0.901	0.850	0.832	0.847	0.881	5.41
8) T	Diethyl Ether	0.303	0.278	0.280	0.298	0.267	0.277	0.284	4.87
9) T	1,1,2-Trichlor...	0.547	0.580	0.579	0.517	0.519	0.521	0.544	5.51
10) T	Methyl Iodide	0.675	0.660	0.738	0.800	0.763	0.756	0.732	7.36
11) T	Tert butyl alc...	0.041	0.040	0.039	0.033	0.030	0.030	0.036	13.83
12) CM	1,1-Dichloroet...	0.603	0.596	0.595	0.563	0.537	0.541	0.573	5.15#
13) T	Acrolein	0.045	0.038	0.041	0.029	0.027	0.027	0.035	22.20
14) T	Allyl chloride	0.961	1.015	0.927	0.966	0.856	0.849	0.929	7.08
15) T	Acrylonitrile	0.134	0.111	0.117	0.130	0.112	0.116	0.120	8.04
16) T	Acetone	0.139	0.109	0.126	0.160	0.136	0.138	0.135	12.63
17) T	Carbon Disulfide	1.978	1.982	1.942	1.832	1.710	1.698	1.857	7.02
18) T	Methyl Acetate	0.401	0.390	0.353	0.387	0.325	0.338	0.366	8.52
19) T	Methyl tert-bu...	1.255	1.168	1.164	1.290	1.128	1.170	1.196	5.22
20) T	Methylene Chlo...	1.161	0.972	0.911	0.794	0.629	0.625	0.849	24.61
21) T	trans-1,2-Dich...	0.676	0.695	0.631	0.657	0.583	0.583	0.637	7.40
22) T	Diisopropyl ether	1.826	1.780	1.731	1.828	1.581	1.631	1.729	5.98
23) T	Vinyl Acetate	0.743	0.707	0.748	0.788	0.763	0.825	0.762	5.33
24) P	1,1-Dichloroet...	1.181	1.130	1.083	1.112	1.002	1.012	1.087	6.39
25) T	2-Butanone	0.176	0.159	0.150	0.182	0.151	0.158	0.163	8.25
26) T	2,2-Dichloropr...	1.017	1.085	0.974	0.957	0.881	0.898	0.969	7.82
27) T	cis-1,2-Dichlo...	0.728	0.720	0.707	0.726	0.648	0.640	0.695	5.77
28) T	Bromochloromet...	0.338	0.312	0.320	0.297	0.258	0.255	0.297	11.35
29) T	Tetrahydrofuran	0.101	0.087	0.090	0.101	0.086	0.091	0.093	7.52
30) C	Chloroform	1.159	1.169	1.067	1.122	0.986	0.999	1.084	7.31#
31) T	Cyclohexane	1.059	1.295	1.049	0.935	0.895	0.907	1.023	14.72
32) T	1,1,1-Trichlor...	0.987	0.981	0.926	0.937	0.878	0.894	0.934	4.73
33) S	1,2-Dichloroet...	0.543	0.524	0.501	0.537	0.472	0.485	0.510	5.68
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.312	0.288	0.301	0.322	0.297	0.293	0.302	4.18
36) T	1,1-Dichloropr...	0.485	0.525	0.481	0.475	0.474	0.472	0.485	4.12
37) T	Ethyl Acetate	0.223	0.186	0.192	0.203	0.179	0.191	0.196	7.99
38) T	Carbon Tetrach...	0.375	0.398	0.404	0.406	0.434	0.435	0.409	5.61
39) T	Methylcyclohexane	0.590	0.646	0.599	0.570	0.597	0.588	0.598	4.24
40) TM	Benzene	1.425	1.458	1.368	1.438	1.328	1.290	1.384	4.82
41) T	Methacrylonitrile	0.128	0.109	0.106	0.115	0.123	0.127	0.118	7.93
42) TM	1,2-Dichloroet...	0.376	0.359	0.350	0.384	0.355	0.358	0.364	3.64
43) T	Isopropyl Acetate	0.392	0.387	0.354	0.401	0.364	0.386	0.381	4.72
44) TM	Trichloroethene	0.401	0.410	0.373	0.400	0.376	0.374	0.389	4.23
45) C	1,2-Dichloropr...	0.355	0.365	0.323	0.355	0.327	0.321	0.341	5.71#
46) T	Dibromomethane	0.195	0.170	0.174	0.191	0.173	0.175	0.180	5.84
47) T	Bromodichlorom...	0.455	0.449	0.417	0.473	0.443	0.440	0.446	4.17
48) T	Methyl methacr...	0.196	0.186	0.174	0.190	0.183	0.188	0.186	3.96
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	8.29
50) S	Toluene-d8	1.239	1.228	1.152	1.232	1.153	1.133	1.190	4.07
51) T	4-Methyl-2-Pen...	0.192	0.171	0.172	0.192	0.180	0.190	0.183	5.38
52) CM	Toluene	0.906	0.912	0.864	0.916	0.829	0.822	0.875	4.86#
53) T	t-1,3-Dichloro...	0.426	0.402	0.399	0.447	0.426	0.433	0.422	4.37
54) T	cis-1,3-Dichlo...	0.519	0.486	0.501	0.556	0.511	0.521	0.516	4.59
55) T	1,1,2-Trichlor...	0.245	0.243	0.229	0.255	0.225	0.232	0.238	4.74
56) T	Ethyl methacry...	0.287	0.262	0.275	0.313	0.287	0.295	0.286	6.09

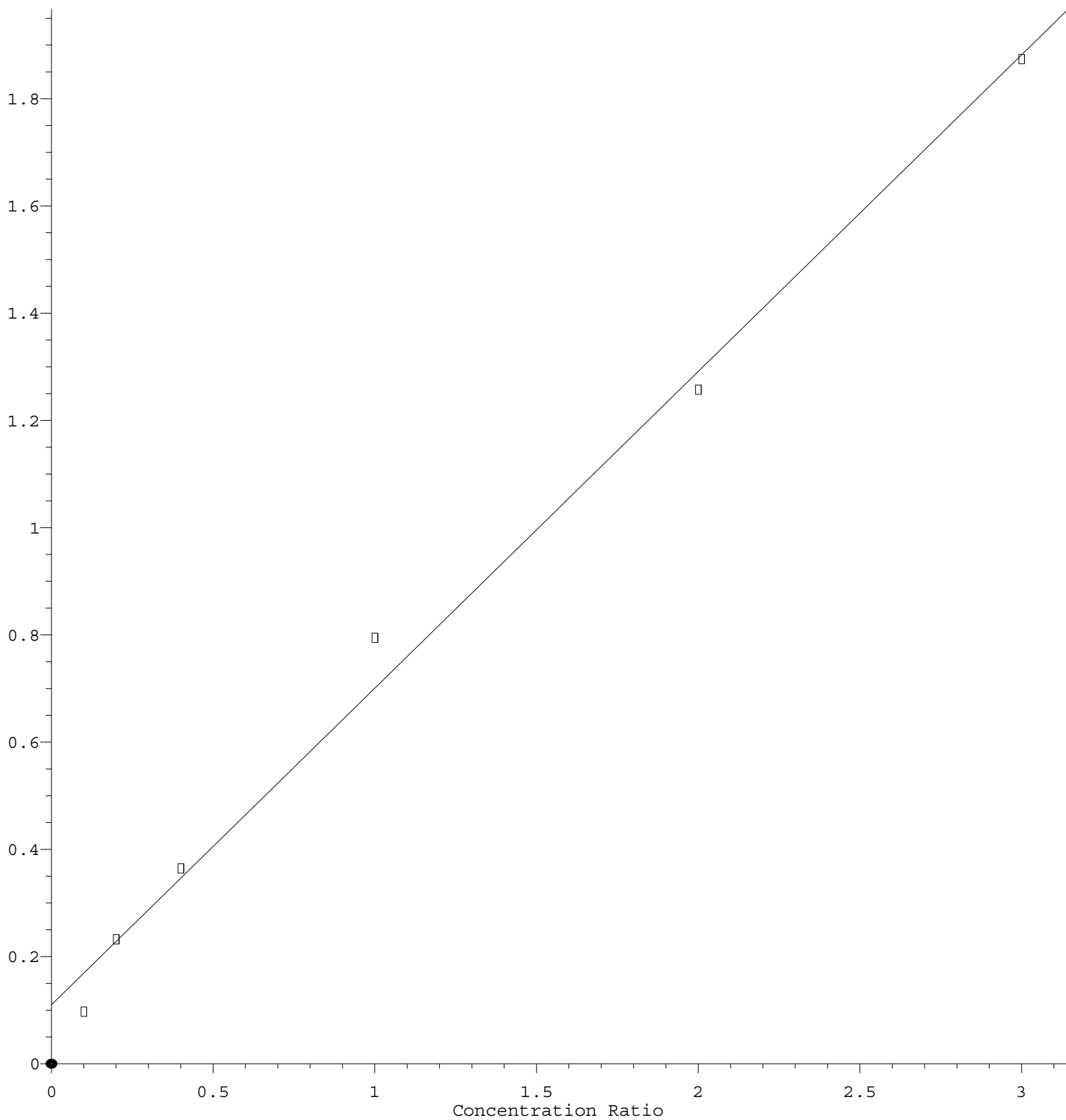
Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D011823S.M

57)	T	1,3-Dichloropr...	0.425	0.397	0.391	0.446	0.394	0.401	0.409	5.30
58)	T	2-Chloroethyl ...	0.098	0.093	0.098	0.097	0.099	0.103	0.098	3.41
59)	T	2-Hexanone	0.140	0.115	0.123	0.144	0.131	0.140	0.132	8.73
60)	T	Dibromochlorom...	0.299	0.279	0.262	0.310	0.283	0.288	0.287	5.73
61)	T	1,2-Dibromoethane	0.228	0.234	0.221	0.242	0.217	0.222	0.227	4.02
62)	S	4-Bromofluorob...	0.376	0.409	0.363	0.397	0.357	0.363	0.378	5.56
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.363	0.380	0.358	0.350	0.346	0.344	0.357	3.80
65)	PM	Chlorobenzene	1.025	1.129	1.005	1.054	0.972	0.962	1.025	5.99
66)	T	1,1,1,2-Tetrac...	0.341	0.359	0.335	0.349	0.339	0.344	0.345	2.48
67)	C	Ethyl Benzene	1.826	1.914	1.855	1.865	1.805	1.800	1.844	2.32#
68)	T	m/p-Xylenes	0.701	0.755	0.722	0.718	0.689	0.690	0.712	3.53
69)	T	o-Xylene	0.668	0.687	0.661	0.696	0.647	0.651	0.668	2.94
70)	T	Styrene	1.139	1.119	1.102	1.153	1.073	1.079	1.111	2.89
71)	P	Bromoform	0.176	0.166	0.166	0.188	0.184	0.187	0.178	5.69
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.842	4.215	3.974	3.847	3.954	3.864	3.949	3.59
74)	T	N-amyl acetate	0.865	0.844	0.832	0.865	0.874	0.911	0.865	3.16
75)	P	1,1,2,2-Tetrac...	0.674	0.601	0.626	0.645	0.614	0.615	0.629	4.20
76)	T	1,2,3-Trichlor...	0.408	0.487	0.391	0.397	0.464	0.393	0.423	9.79
77)	T	Bromobenzene	0.891	0.964	0.906	0.925	0.878	0.849	0.902	4.42
78)	T	n-propylbenzene	4.734	5.162	4.945	4.737	4.796	4.746	4.853	3.52
79)	T	2-Chlorotoluene	2.656	2.809	2.696	2.648	2.601	2.606	2.669	2.88
80)	T	1,3,5-Trimethy...	3.156	3.337	3.235	3.242	3.244	3.200	3.236	1.85
81)	T	trans-1,4-Dich...	0.172	0.174	0.170	0.183	0.190	0.206	0.183	7.51
82)	T	4-Chlorotoluene	2.779	2.915	2.752	2.712	2.665	2.643	2.744	3.57
83)	T	tert-Butylbenzene	2.719	2.929	2.908	2.725	2.800	2.718	2.800	3.47
84)	T	1,2,4-Trimethy...	3.102	3.302	3.228	3.159	3.130	3.145	3.178	2.33
85)	T	sec-Butylbenzene	4.157	4.563	4.310	4.104	4.227	4.158	4.253	3.94
86)	T	p-Isopropyltol...	3.425	3.604	3.516	3.412	3.499	3.436	3.482	2.09
87)	T	1,3-Dichlorobe...	1.801	1.817	1.783	1.756	1.684	1.651	1.749	3.83
88)	T	1,4-Dichlorobe...	1.764	1.818	1.700	1.721	1.676	1.644	1.720	3.65
89)	T	n-Butylbenzene	3.349	3.594	3.379	3.293	3.385	3.358	3.393	3.06
90)	T	Hexachloroethane	0.594	0.663	0.597	0.591	0.614	0.630	0.615	4.53
91)	T	1,2-Dichlorobe...	1.491	1.532	1.515	1.532	1.454	1.453	1.496	2.42
92)	T	1,2-Dibromo-3-...	0.095	0.084	0.095	0.102	0.097	0.104	0.096	7.39
93)	T	1,2,4-Trichlor...	0.990	0.983	0.933	0.997	0.987	1.005	0.982	2.58
94)	T	Hexachlorobuta...	0.454	0.490	0.474	0.473	0.498	0.500	0.481	3.70
95)	T	Naphthalene	1.946	2.218	1.823	1.926	1.885	1.937	1.956	6.96
96)	T	1,2,3-Trichlor...	0.833	0.813	0.820	0.854	0.847	0.863	0.838	2.32

(#) = Out of Range

Methylene Chloride

Response Ratio



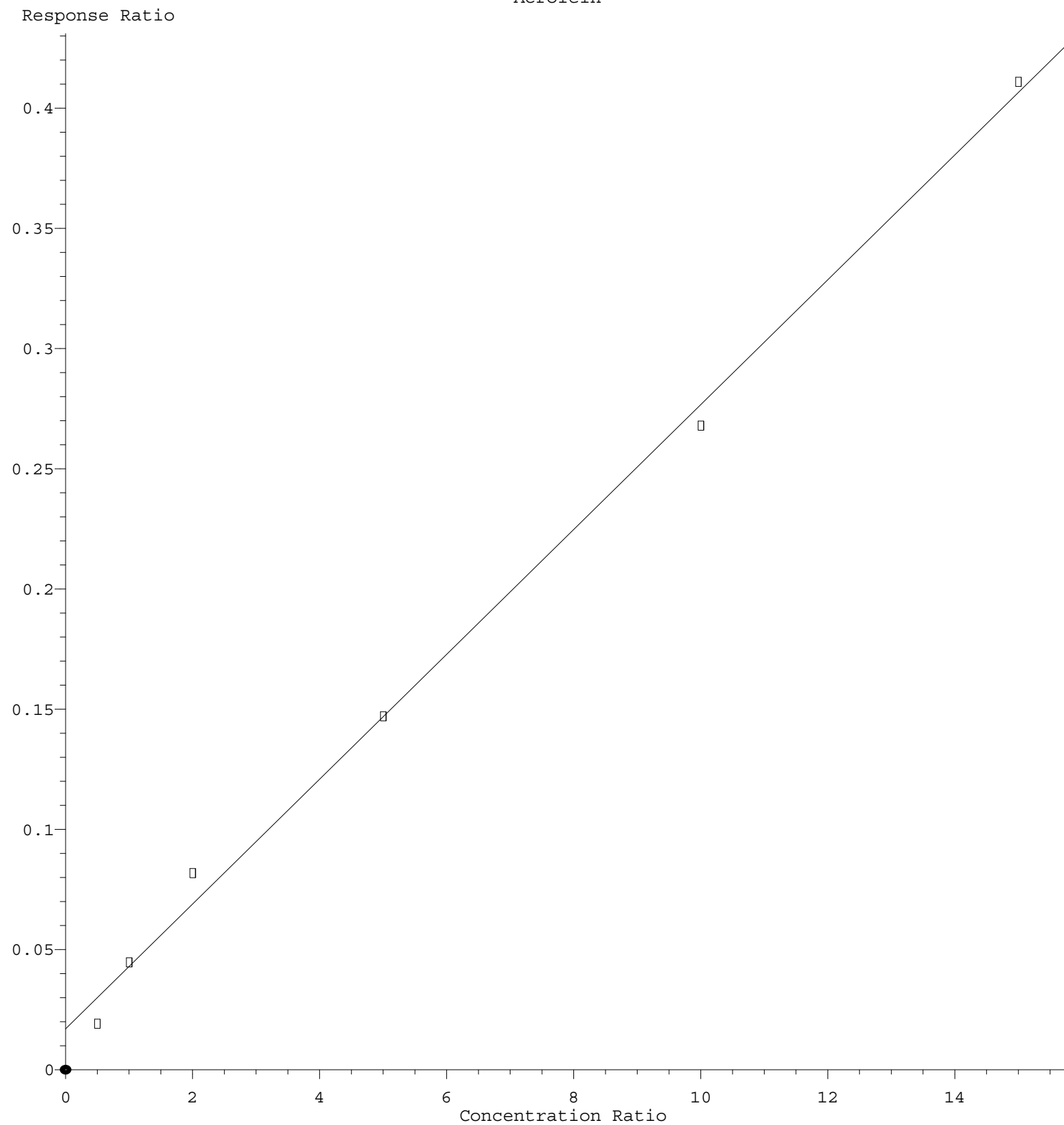
$$\text{Response} = 5.907\text{e-}001 * \text{Amt} + 1.103\text{e-}001$$

Coef of Det (r^2) = 0.993432 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA D\Method\82D011823S.M

Calibration Table Last Updated: Thu Jan 19 01:32:27 2023

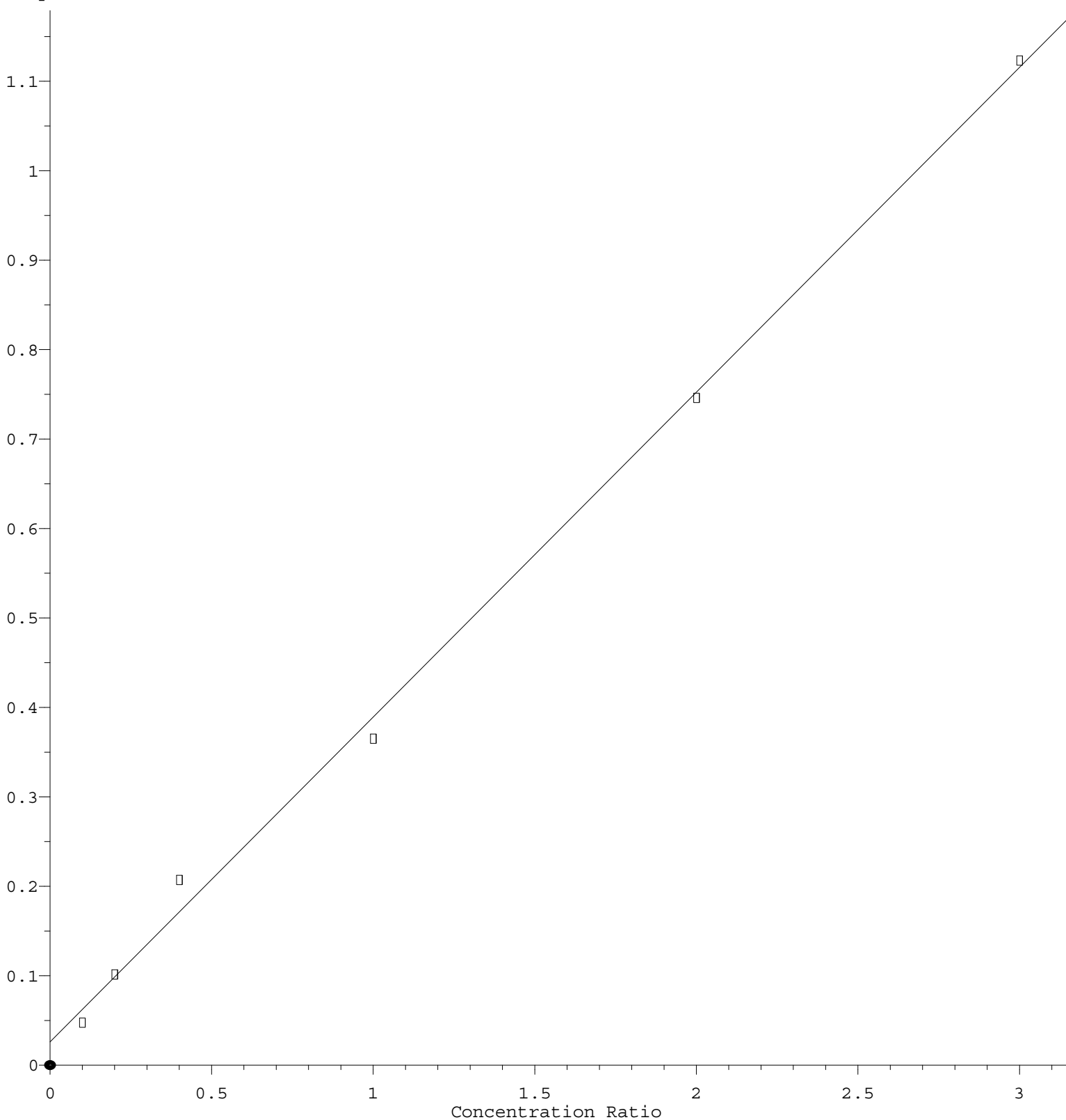
Acrolein



$\text{Response} = 2.599\text{e-}002 * \text{Amt} + 1.679\text{e-}002$
 Coef of Det (r^2) = 0.996658 Curve Fit: Linear
 Method Name: Z:\voasrv\HPCHEM1\MSVOA D\Method\82D011823S.M
 Calibration Table Last Updated: Thu Jan 19 01:32:27 2023

Dichlorodifluoromethane

Response Ratio



$$\text{Response} = 3.629\text{e-}001 * \text{Amt} + 2.642\text{e-}002$$

Coef of Det (r^2) = 0.997533 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA D\Method\82D011823S.M

Calibration Table Last Updated: Thu Jan 19 01:32:27 2023