

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N121422W.M
 Title : SW846 8260
 Last Update : Wed Dec 14 13:03:41 2022
 Response Via : Initial Calibration

Calibration Files

5 =VN075763.D 10 =VN075764.D 20 =VN075765.D 50 =VN075766.D 75 =VN075767.D 1 =VN075762.D

	Compound	5	10	20	50	75	1	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.393	0.333	0.355	0.353	0.345	0.351	0.355	5.66
3) P	Chloromethane	0.480	0.425	0.417	0.416	0.401	0.510	0.441	9.76
4) C	Vinyl Chloride	0.566	0.487	0.518	0.517	0.506	0.565	0.527	6.09#
5) T	Bromomethane	0.502	0.418	0.430	0.445	0.442		0.448	7.23
6) T	Chloroethane	0.434	0.386	0.369	0.381	0.379		0.390	6.51
7) T	Trichlorofluor...	0.870	0.789	0.789	0.803	0.780	0.764	0.799	4.65
8) T	Diethyl Ether	0.315	0.282	0.281	0.301	0.300	0.273	0.292	5.42
9) T	1,1,2-Trichlor...	0.500	0.438	0.461	0.462	0.452	0.424	0.456	5.75
10) T	Methyl Iodide	0.774	0.690	0.729	0.761	0.748		0.740	4.43
11) T	Tert butyl alc...	0.078	0.072	0.074	0.078	0.082		0.077	5.07
12) CM	1,1-Dichloroet...	0.476	0.420	0.439	0.447	0.446	0.430	0.443	4.27#
13) T	Acrolein	0.099	0.083	0.097	0.097	0.097		0.094	6.92
14) T	Allyl chloride	0.505	0.490	0.564	0.575	0.527	0.448	0.518	9.18
15) T	Acrylonitrile	0.220	0.200	0.209	0.211	0.216	0.205	0.210	3.41
16) T	Acetone	0.189	0.187	0.182	0.176	0.174	0.217	0.188	8.32
17) T	Carbon Disulfide	1.121	0.992	1.062	1.074	1.090	1.098	1.073	4.13
18) T	Methyl Acetate	0.519	0.533	0.554	0.551	0.552	0.615	0.554	5.94
19) T	Methyl tert-bu...	1.462	1.393	1.474	1.555	1.557	1.317	1.459	6.40
20) T	Methylene Chlo...	0.570	0.496	0.514	0.509	0.497	0.874	0.577	25.71
21) T	trans-1,2-Dich...	0.487	0.459	0.476	0.487	0.491	0.511	0.485	3.54
22) T	Diisopropyl ether	1.326	1.218	1.281	1.331	1.346	1.049	1.258	8.95
23) T	Vinyl Acetate	0.805	0.803	0.859	0.915	0.958	0.742	0.847	9.40
24) P	1,1-Dichloroet...	0.893	0.808	0.822	0.842	0.841	0.830	0.839	3.48
25) T	2-Butanone	0.265	0.259	0.267	0.267	0.274	0.243	0.263	4.06
26) T	2,2-Dichloropr...	0.721	0.673	0.710	0.738	0.744	0.679	0.711	4.17
27) T	cis-1,2-Dichlo...	0.611	0.569	0.574	0.603	0.602	0.524	0.580	5.55
28) T	Bromochloromet...	0.369	0.357	0.364	0.364	0.367	0.386	0.368	2.67
29) T	Tetrahydrofuran	0.159	0.156	0.171	0.173	0.177	0.150	0.165	6.48
30) C	Chloroform	0.979	0.917	0.944	0.952	0.950	0.927	0.945	2.27#
31) T	Cyclohexane	0.908	0.777	0.753	0.733	0.724		0.779	9.63
32) T	1,1,1-Trichlor...	0.866	0.792	0.851	0.876	0.874	0.767	0.838	5.57
33) S	1,2-Dichloroet...	0.579	0.500	0.530	0.558	0.554		0.544	5.49
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.346	0.282	0.299	0.314	0.308		0.310	7.56
36) T	1,1-Dichloropr...	0.421	0.403	0.412	0.432	0.428	0.371	0.411	5.40
37) T	Ethyl Acetate	0.329	0.335	0.336	0.337	0.341	0.305	0.330	3.91
38) T	Carbon Tetrach...	0.460	0.456	0.462	0.483	0.488	0.414	0.460	5.74
39) T	Methylcyclohexane	0.502	0.484	0.527	0.549	0.545	0.369	0.496	13.50
40) TM	Benzene	1.306	1.253	1.284	1.304	1.283	1.185	1.269	3.60
41) T	Methacrylonitrile	0.166	0.155	0.175	0.188	0.188	0.158	0.172	8.32
42) TM	1,2-Dichloroet...	0.423	0.428	0.429	0.436	0.431	0.383	0.422	4.62
43) T	Isopropyl Acetate	0.532	0.529	0.555	0.585	0.601	0.468	0.545	8.70
44) TM	Trichloroethene	0.380	0.342	0.354	0.349	0.359	0.361	0.358	3.67
45) C	1,2-Dichloropr...	0.337	0.299	0.304	0.315	0.312	0.286	0.309	5.67#
46) T	Dibromomethane	0.230	0.216	0.230	0.239	0.234	0.225	0.229	3.47
47) T	Bromodichlorom...	0.441	0.438	0.441	0.473	0.472	0.429	0.449	4.18
48) T	Methyl methacr...	0.240	0.244	0.249	0.273	0.277	0.191	0.245	12.53
49) T	1,4-Dioxane	0.006	0.006	0.006	0.006	0.007	0.005	0.006	11.66
50) S	Toluene-d8	1.194	1.060	1.148	1.198	1.188		1.158	5.02
51) T	4-Methyl-2-Pen...	0.324	0.326	0.347	0.358	0.365	0.257	0.330	11.94
52) CM	Toluene	0.858	0.803	0.842	0.879	0.870	0.707	0.827	7.78#
53) T	t-1,3-Dichloro...	0.402	0.418	0.435	0.494	0.503	0.387	0.440	10.96
54) T	cis-1,3-Dichlo...	0.464	0.458	0.499	0.528	0.535	0.413	0.483	9.66
55) T	1,1,2-Trichlor...	0.326	0.320	0.326	0.340	0.338	0.296	0.324	4.86
56) T	Ethyl methacry...	0.397	0.412	0.439	0.490	0.502	0.346	0.431	13.63

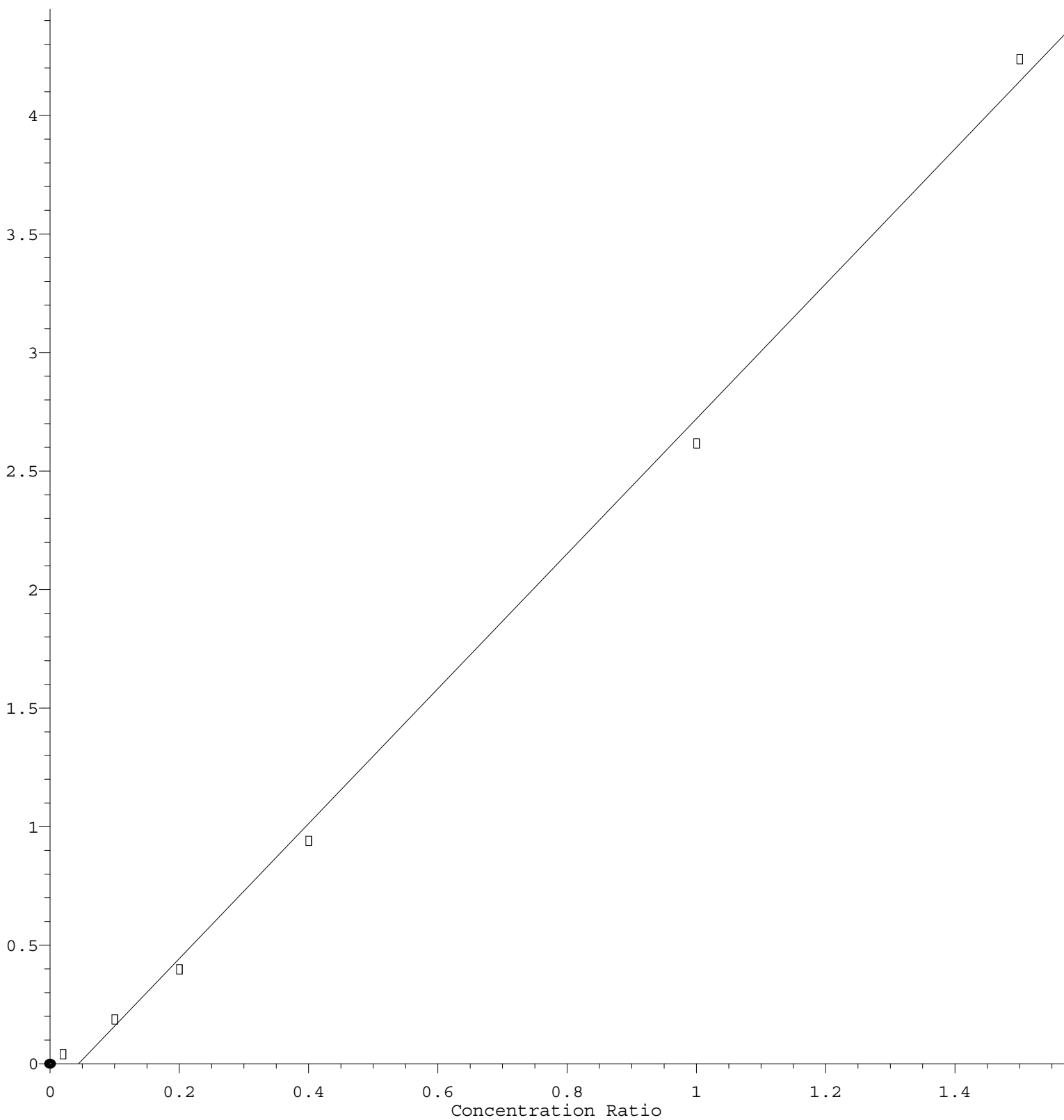
Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
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57)	T	1,3-Dichloropr...	0.538	0.530	0.540	0.556	0.554	0.475	0.532	5.58
58)	T	2-Chloroethyl ...	0.122	0.117	0.141	0.150	0.165	0.127	0.137	13.27
59)	T	2-Hexanone	0.224	0.237	0.251	0.264	0.267	0.199	0.240	10.74
60)	T	Dibromochlorom...	0.361	0.337	0.373	0.392	0.390	0.312	0.361	8.71
61)	T	1,2-Dibromoethane	0.317	0.324	0.339	0.356	0.355	0.279	0.328	8.77
62)	S	4-Bromofluorob...	0.395	0.329	0.378	0.414	0.402		0.383	8.68
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.381	0.347	0.354	0.340	0.343	0.346	0.352	4.31
65)	PM	Chlorobenzene	1.065	0.992	1.023	1.037	1.024	1.015	1.026	2.37
66)	T	1,1,1,2-Tetrac...	0.390	0.376	0.388	0.398	0.391	0.337	0.380	5.84
67)	C	Ethyl Benzene	1.772	1.678	1.765	1.864	1.848	1.464	1.732	8.49#
68)	T	m/p-Xylenes	0.695	0.676	0.708	0.741	0.729	0.564	0.686	9.30
69)	T	o-Xylene	0.687	0.668	0.706	0.736	0.721	0.552	0.678	9.80
70)	T	Styrene	1.006	1.028	1.130	1.213	1.195	0.901	1.079	11.25
71)	P	Bromoform	0.262	0.270	0.283	0.312	0.310	0.223	0.277	12.02
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.728	3.680	3.690	3.757	3.743	3.081	3.613	7.27
74)	T	N-amyl acetate	0.970	1.037	1.074	1.161	1.198	0.920	1.060	10.14
75)	P	1,1,2,2-Tetrac...	1.158	1.135	1.058	1.065	1.070	1.216	1.117	5.71
76)	T	1,2,3-Trichlor...	1.018	1.011	1.025	1.018	1.010	0.965	1.008	2.14
77)	T	Bromobenzene	0.942	0.893	0.893	0.897	0.896	0.966	0.914	3.46
78)	T	n-propylbenzene	4.039	3.941	4.125	4.275	4.297	3.234	3.985	9.85
79)	T	2-Chlorotoluene	2.555	2.499	2.472	2.515	2.505	2.379	2.488	2.40
80)	T	1,3,5-Trimethy...	3.181	3.041	3.154	3.176	3.187	2.405	3.024	10.19
81)	T	trans-1,4-Dich...	0.234	0.251	0.276	0.309	0.330		0.280	14.08
82)	T	4-Chlorotoluene	2.555	2.499	2.472	2.515	2.505	2.379	2.488	2.40
83)	T	tert-Butylbenzene	2.783	2.707	2.770	2.819	2.832	2.085	2.666	10.80
84)	T	1,2,4-Trimethy...	3.001	3.069	3.165	3.200	3.215	2.351	3.000	10.94
85)	T	sec-Butylbenzene	3.729	3.614	3.815	3.995	4.078	2.851	3.680	11.96
86)	T	p-Isopropyltol...	2.955	3.010	3.238	3.428	3.480	2.262	3.062	14.56
87)	T	1,3-Dichlorobe...	1.717	1.663	1.668	1.716	1.744	1.627	1.689	2.59
88)	T	1,4-Dichlorobe...	1.700	1.639	1.664	1.702	1.718	1.931	1.726	6.06
89)	T	n-Butylbenzene	2.335	2.272	2.514	2.835	2.942	1.986	2.481	14.52
90)	T	Hexachloroethane	0.560	0.509	0.552	0.600	0.613	0.453	0.548	10.86
91)	T	1,2-Dichlorobe...	1.745	1.669	1.692	1.686	1.713	1.477	1.664	5.71
92)	T	1,2-Dibromo-3-...	0.188	0.185	0.184	0.193	0.202	0.237	0.198	10.10
93)	T	1,2,4-Trichlor...	0.710	0.738	0.777	0.902	0.944	0.871	0.824	11.56
94)	T	Hexachlorobuta...	0.470	0.420	0.454	0.477	0.485	0.391	0.449	8.16
95)	T	Naphthalene	1.867	1.991	2.350	2.616	2.824	2.013	2.277	16.89
96)	T	1,2,3-Trichlor...	0.727	0.716	0.764	0.867	0.911	0.635	0.770	13.29

(#) = Out of Range

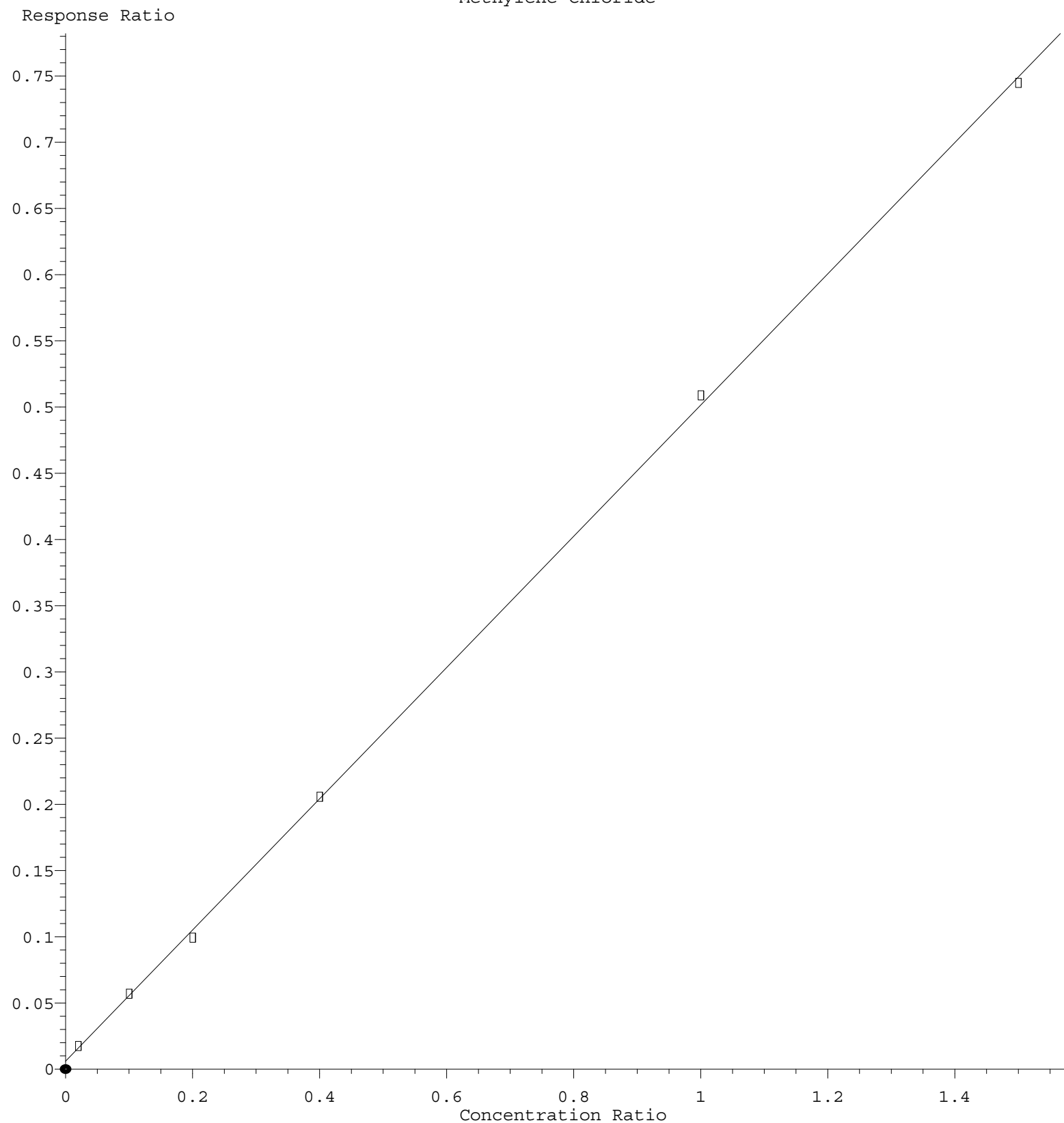
Naphthalene

Response Ratio



Response = 2.845e+000 * Amt - 1.239e-001
 Coef of Det (r^2) = 0.997184 Curve Fit: Linear
 Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N121422W.M
 Calibration Table Last Updated: Wed Dec 14 13:03:41 2022

Methylene Chloride



Response = $4.952 \times 10^{-1} \times \text{Amt} + 6.425 \times 10^{-3}$
Coef of Det (r^2) = 0.999732 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N121422W.M
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