

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N111623W.M
 Title : SW846 8260
 Last Update : Fri Nov 17 01:19:32 2023
 Response Via : Initial Calibration

Calibration Files

1 =VN080134.D 5 =VN080133.D 10 =VN080132.D 20 =VN080131.D 50 =VN080130.D 100 =VN080129.D

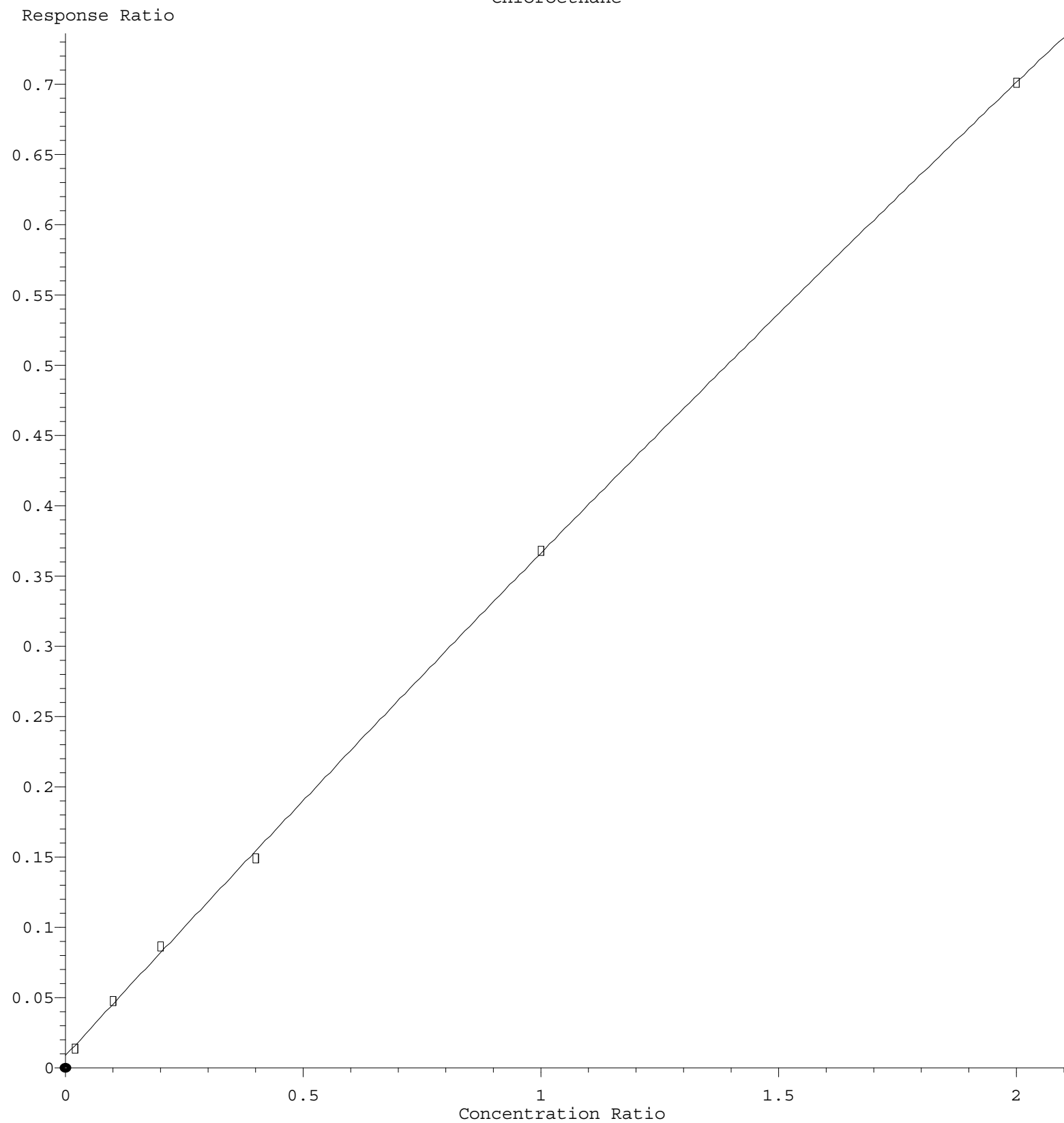
	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.778	0.707	0.740	0.763	0.743	0.738	0.745	3.22
3) P	Chloromethane	0.617	0.554	0.572	0.557	0.544	0.517	0.560	5.94
4) C	Vinyl Chloride	0.562	0.607	0.602	0.614	0.583	0.588	0.593	3.19#
5) T	Bromomethane		0.458	0.415	0.394	0.379	0.365	0.402	8.97
6) T	Chloroethane	0.683	0.475	0.432	0.373	0.368	0.351	0.447	27.91
7) T	Trichlorofluor...	1.310	1.267	1.194	1.215	1.230	1.200	1.236	3.61
8) T	Diethyl Ether	0.399	0.371	0.349	0.342	0.353	0.343	0.360	6.11
9) T	1,1,2-Trichlor...	0.596	0.582	0.548	0.565	0.551	0.547	0.565	3.56
10) T	Methyl Iodide		0.583	0.557	0.599	0.648	0.666	0.611	7.41
11) T	Tert butyl alc...		0.098	0.095	0.087	0.090	0.084	0.091	6.49
12) CM	1,1-Dichloroet...	0.516	0.542	0.523	0.553	0.520	0.517	0.528	2.90#
13) T	Acrolein		0.088	0.078	0.082	0.074	0.080	0.080	6.62
14) T	Allyl chloride	0.569	0.701	0.714	0.681	0.672	0.652	0.665	7.80
15) T	Acrylonitrile	0.240	0.259	0.250	0.246	0.239	0.228	0.244	4.42
16) T	Acetone	0.343	0.350	0.239	0.234	0.239	0.259	0.277	19.55
17) T	Carbon Disulfide	1.870	1.616	1.487	1.524	1.495	1.475	1.578	9.63
18) T	Methyl Acetate	1.084	0.956	0.895	0.836	0.815	0.760	0.891	13.06
19) T	Methyl tert-bu...	1.826	1.878	1.869	1.914	1.880	1.829	1.866	1.79
20) T	Methylene Chlo...	0.431	0.662	0.617	0.615	0.580	0.579	0.581	13.67
21) T	trans-1,2-Dich...	0.601	0.598	0.570	0.586	0.568	0.561	0.581	2.89
22) T	Diisopropyl ether	1.339	1.516	1.517	1.560	1.483	1.410	1.471	5.55
23) T	Vinyl Acetate	0.734	0.916	0.911	0.950	0.914	0.882	0.884	8.66
24) P	1,1-Dichloroet...	1.160	1.132	1.054	1.069	1.014	0.999	1.071	5.97
25) T	2-Butanone	0.361	0.398	0.306	0.305	0.303	0.304	0.329	12.30
26) T	2,2-Dichloropr...	1.084	1.069	1.027	1.079	1.067	1.052	1.063	1.96
27) T	cis-1,2-Dichlo...	0.652	0.714	0.642	0.667	0.644	0.631	0.658	4.53
28) T	Bromochloromet...	0.388	0.451	0.460	0.445	0.391	0.392	0.421	8.08
29) T	Tetrahydrofuran	0.147	0.188	0.197	0.185	0.180	0.164	0.177	10.37
30) C	Chloroform	1.258	1.242	1.211	1.186	1.171	1.118	1.198	4.26#
31) T	Cyclohexane		0.991	0.915	0.903	0.861	0.819	0.898	7.18
32) T	1,1,1-Trichlor...	1.156	1.212	1.168	1.177	1.163	1.132	1.168	2.26
33) S	1,2-Dichloroet...		0.848	0.927	0.833	0.762	0.758	0.826	8.45
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.380	0.398	0.373	0.344	0.349	0.369	6.06
36) T	1,1-Dichloropr...	0.552	0.515	0.500	0.548	0.544	0.545	0.534	3.97
37) T	Ethyl Acetate	0.353	0.393	0.362	0.397	0.368	0.350	0.371	5.46
38) T	Carbon Tetrach...	0.706	0.661	0.652	0.676	0.688	0.683	0.678	2.85
39) T	Methylcyclohexane	0.471	0.490	0.493	0.535	0.555	0.545	0.515	6.68
40) TM	Benzene	1.556	1.556	1.489	1.535	1.493	1.479	1.518	2.31
41) T	Methacrylonitrile	0.206	0.192	0.212	0.203	0.207	0.202	0.203	3.32
42) TM	1,2-Dichloroet...	0.617	0.634	0.614	0.614	0.626	0.620	0.621	1.24
43) T	Isopropyl Acetate	0.873	0.775	0.711	0.655	0.670	0.642	0.721	12.29
44) TM	Trichloroethene	0.440	0.403	0.391	0.381	0.389	0.385	0.398	5.45
45) C	1,2-Dichloropr...	0.333	0.374	0.348	0.364	0.351	0.348	0.353	4.07#
46) T	Dibromomethane	0.269	0.275	0.269	0.264	0.265	0.261	0.267	1.87
47) T	Bromodichlorom...	0.582	0.593	0.578	0.591	0.595	0.586	0.587	1.17
48) T	Methyl methacr...	0.344	0.375	0.363	0.383	0.384	0.380	0.372	4.19
49) T	1,4-Dioxane	0.007	0.007	0.006	0.006	0.006	0.006	0.006	7.30
50) S	Toluene-d8		1.272	1.391	1.386	1.303	1.298	1.330	4.12
51) T	4-Methyl-2-Pen...	0.340	0.380	0.389	0.390	0.381	0.359	0.373	5.28
52) CM	Toluene	0.950	0.931	0.943	0.970	0.966	0.940	0.950	1.61#
53) T	t-1,3-Dichloro...	0.568	0.604	0.587	0.604	0.627	0.631	0.604	3.98
54) T	cis-1,3-Dichlo...	0.567	0.603	0.599	0.637	0.648	0.646	0.617	5.24
55) T	1,1,2-Trichlor...	0.382	0.363	0.366	0.362	0.354	0.349	0.363	3.15
56) T	Ethyl methacry...	0.295	0.352	0.370	0.394	0.414	0.398	0.370	11.54

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57)	T	1,3-Dichloropr...	0.663	0.644	0.619	0.624	0.631	0.618	0.633	2.77
58)	T	2-Chloroethyl ...	0.174	0.198	0.210	0.227	0.203	0.240	0.209	11.04
59)	T	2-Hexanone	0.290	0.343	0.280	0.296	0.296	0.295	0.300	7.29
60)	T	Dibromochlorom...	0.420	0.437	0.430	0.437	0.443	0.437	0.434	1.84
61)	T	1,2-Dibromoethane	0.384	0.370	0.368	0.369	0.368	0.361	0.370	2.08
62)	S	4-Bromofluorob...	0.493	0.516	0.520	0.489	0.494	0.502		2.84
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.423	0.393	0.356	0.384	0.370	0.363	0.382	6.35
65)	PM	Chlorobenzene	1.174	1.159	1.098	1.160	1.113	1.095	1.133	3.09
66)	T	1,1,1,2-Tetrac...	0.402	0.450	0.439	0.450	0.452	0.445	0.440	4.33
67)	C	Ethyl Benzene	1.952	1.958	1.968	2.070	2.074	2.076	2.016	3.11#
68)	T	m/p-Xylenes	0.671	0.708	0.728	0.772	0.769	0.763	0.735	5.51
69)	T	o-Xylene	0.612	0.680	0.689	0.722	0.730	0.724	0.693	6.46
70)	T	Styrene	0.917	0.993	0.996	1.084	1.101	1.095	1.031	7.20
71)	P	Bromoform	0.322	0.314	0.330	0.337	0.327	0.327	0.326	2.37
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.530	3.879	3.871	4.044	4.054	3.935	3.885	4.92
74)	T	N-amyl acetate	1.080	1.235	1.242	1.267	1.256	1.190	1.212	5.74
75)	P	1,1,2,2-Tetrac...	1.286	1.267	1.216	1.113	1.092	1.005	1.163	9.51
76)	T	1,2,3-Trichlor...	1.550	1.271	1.145	1.089	1.200	1.095	1.225	14.14
77)	T	Bromobenzene	0.989	1.043	0.978	0.983	0.970	0.914	0.980	4.20
78)	T	n-propylbenzene	3.987	4.247	4.333	4.458	4.589	4.455	4.345	4.86
79)	T	2-Chlorotoluene	2.601	2.885	2.886	2.892	2.864	2.803	2.822	4.00
80)	T	1,3,5-Trimethy...	3.189	3.295	3.364	3.517	3.502	3.427	3.382	3.73
81)	T	trans-1,4-Dich...	0.363	0.353	0.366	0.372	0.359	0.363		1.99
82)	T	4-Chlorotoluene	2.765	2.931	2.921	2.916	2.916	2.896	2.891	2.17
83)	T	tert-Butylbenzene	2.604	2.627	2.662	2.776	2.877	2.728	2.712	3.79
84)	T	1,2,4-Trimethy...	3.017	3.236	3.271	3.499	3.503	3.457	3.330	5.77
85)	T	sec-Butylbenzene	3.047	3.405	3.380	3.517	3.668	3.570	3.431	6.30
86)	T	p-Isopropyltol...	2.653	2.955	2.965	3.240	3.308	3.269	3.065	8.29
87)	T	1,3-Dichlorobe...	2.047	1.797	1.679	1.695	1.707	1.665	1.765	8.26
88)	T	1,4-Dichlorobe...	1.986	1.818	1.752	1.728	1.689	1.669	1.774	6.56
89)	T	n-Butylbenzene	2.409	2.431	2.393	2.611	2.799	2.749	2.565	7.03
90)	T	Hexachloroethane	0.664	0.577	0.580	0.579	0.599	0.586	0.598	5.60
91)	T	1,2-Dichlorobe...	1.880	1.734	1.651	1.644	1.658	1.567	1.689	6.37
92)	T	1,2-Dibromo-3-...	0.328	0.263	0.270	0.262	0.254	0.244	0.270	10.97
93)	T	1,2,4-Trichlor...	1.242	0.957	0.900	0.909	0.946	0.940	0.982	13.12
94)	T	Hexachlorobuta...	0.774	0.560	0.510	0.528	0.525	0.494	0.565	18.52
95)	T	Naphthalene	3.601	2.638	2.691	2.692	2.802	2.666	2.848	13.09
96)	T	1,2,3-Trichlor...	1.121	0.873	0.873	0.887	0.903	0.867	0.921	10.75

(#) = Out of Range

Chloroethane



$R = -1.131e-002 A^2 + 3.689e-001 A + 8.682e-003$
 Coef of Det (r^2) = 0.999825 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N111623W.M
 Calibration Table Last Updated: Fri Nov 17 01:19:32 2023