

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N030623W.M
 Title : SW846 8260
 Last Update : Tue Mar 07 08:45:33 2023
 Response Via : Initial Calibration

Calibration Files

5 =VN076854.D 10 =VN076855.D 20 =VN076856.D 50 =VN076857.D 75 =VN076858.D 1 =VN076853.D

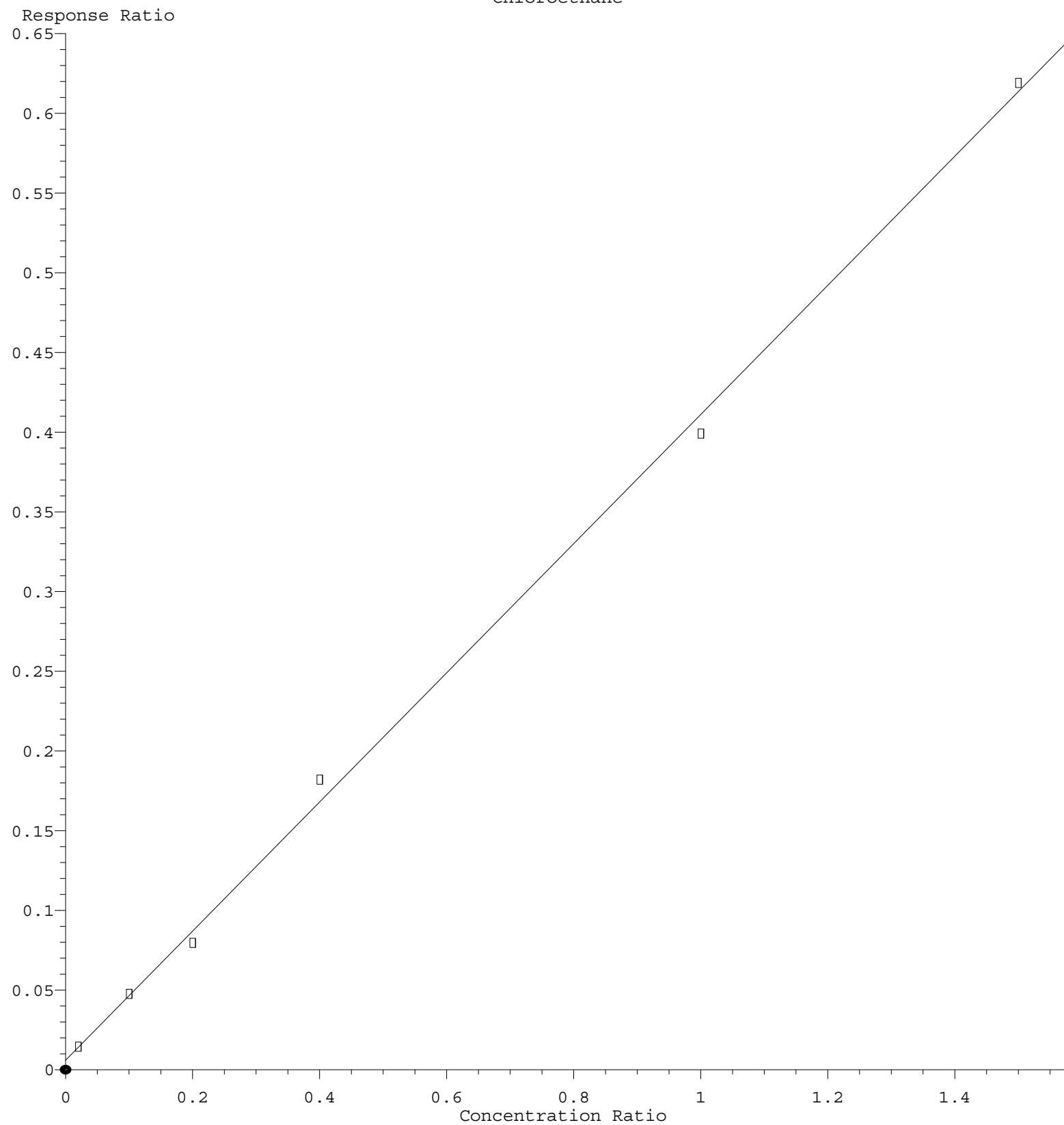
	Compound	5	10	20	50	75	1	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.617	0.517	0.623	0.550	0.578	0.607	0.582	7.22
3) P	Chloromethane	0.821	0.690	0.764	0.691	0.717	0.908	0.765	11.25
4) C	Vinyl Chloride	0.730	0.626	0.722	0.658	0.689	0.783	0.701	7.98#
5) T	Bromomethane	0.567	0.470	0.469	0.404	0.395		0.461	14.90
6) T	Chloroethane	0.476	0.398	0.455	0.399	0.413	0.725	0.477	26.20
7) T	Trichlorofluor...	1.033	0.927	1.086	0.968	1.044	1.084	1.023	6.27
8) T	Diethyl Ether	0.390	0.355	0.425	0.398	0.420	0.373	0.394	6.87
9) T	1,1,2-Trichlor...	0.632	0.554	0.637	0.552	0.595	0.620	0.598	6.35
10) T	Methyl Iodide	0.505	0.481	0.678	0.691	0.766		0.624	19.94
11) T	Tert butyl alc...	0.108	0.093	0.114	0.099	0.106		0.104	7.88
12) CM	1,1-Dichloroet...	0.578	0.495	0.590	0.536	0.578	0.570	0.558	6.42#
13) T	Acrolein	0.146	0.126	0.135	0.129	0.138		0.135	5.88
14) T	Allyl chloride	1.029	0.799	0.959	0.909	0.966	0.928	0.932	8.24
15) T	Acrylonitrile	0.343	0.304	0.366	0.326	0.344	0.325	0.335	6.35
16) T	Acetone	0.333	0.277	0.316	0.273	0.285	0.351	0.306	10.61
17) T	Carbon Disulfide	1.548	1.341	1.578	1.454	1.574	1.593	1.515	6.51
18) T	Methyl Acetate	1.028	0.935	1.110	0.992	1.081	1.146	1.049	7.48
19) T	Methyl tert-bu...	1.921	1.702	2.077	1.875	2.024	1.881	1.913	6.86
20) T	Methylene Chlo...	0.764	0.621	0.708	0.642	0.669	0.878	0.714	13.32
21) T	trans-1,2-Dich...	0.646	0.535	0.636	0.579	0.613	0.611	0.603	6.74
22) T	Diisopropyl ether	2.122	1.929	2.289	2.076	2.189	1.969	2.096	6.43
23) T	Vinyl Acetate	1.304	1.172	1.468	1.367	1.434	1.265	1.335	8.26
24) P	1,1-Dichloroet...	1.241	1.085	1.273	1.136	1.222	1.214	1.195	5.89
25) T	2-Butanone	0.465	0.409	0.487	0.433	0.456	0.432	0.447	6.20
26) T	2,2-Dichloropr...	0.902	0.769	0.925	0.862	0.912	0.881	0.875	6.50
27) T	cis-1,2-Dichlo...	0.725	0.636	0.752	0.682	0.717	0.728	0.707	5.86
28) T	Bromochloromet...	0.556	0.432	0.523	0.464	0.494	0.563	0.505	10.28
29) T	Tetrahydrofuran	0.280	0.270	0.324	0.288	0.303	0.265	0.288	7.67
30) C	Chloroform	1.230	1.078	1.275	1.126	1.186	1.227	1.187	6.15#
31) T	Cyclohexane	1.363	1.132	1.222	1.073	1.132		1.184	9.56
32) T	1,1,1-Trichlor...	1.025	0.910	1.103	0.993	1.049	1.087	1.028	6.84
33) S	1,2-Dichloroet...	0.808	0.646	0.717	0.650	0.684		0.701	9.48
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.350	0.292	0.327	0.285	0.309		0.313	8.36
36) T	1,1-Dichloropr...	0.506	0.455	0.544	0.485	0.531	0.495	0.503	6.38
37) T	Ethyl Acetate	0.532	0.478	0.560	0.493	0.518	0.515	0.516	5.58
38) T	Carbon Tetrach...	0.524	0.443	0.547	0.478	0.517	0.554	0.511	8.35
39) T	Methylcyclohexane	0.600	0.545	0.679	0.612	0.683	0.598	0.620	8.55
40) TM	Benzene	1.581	1.392	1.661	1.447	1.594	1.514	1.531	6.52
41) T	Methacrylonitrile	0.275	0.251	0.306	0.277	0.306	0.275	0.282	7.49
42) TM	1,2-Dichloroet...	0.548	0.474	0.575	0.505	0.537	0.562	0.533	7.06
43) T	Isopropyl Acetate	0.790	0.705	0.871	0.787	0.862	0.726	0.790	8.58
44) TM	Trichloroethene	0.369	0.328	0.394	0.346	0.385	0.356	0.363	6.72
45) C	1,2-Dichloropr...	0.410	0.364	0.423	0.381	0.412	0.385	0.396	5.62#
46) T	Dibromomethane	0.264	0.232	0.269	0.236	0.256	0.251	0.251	5.98
47) T	Bromodichlorom...	0.524	0.455	0.560	0.506	0.540	0.515	0.517	6.91
48) T	Methyl methacr...	0.366	0.343	0.427	0.396	0.429	0.342	0.384	10.23
49) T	1,4-Dioxane	0.007	0.006	0.008	0.007	0.007	0.007	0.007	8.30
50) S	Toluene-d8	1.306	1.088	1.255	1.148	1.228		1.205	7.21
51) T	4-Methyl-2-Pen...	0.494	0.456	0.563	0.504	0.538	0.436	0.498	9.63
52) CM	Toluene	0.945	0.841	1.014	0.906	0.972	0.793	0.912	9.09#
53) T	t-1,3-Dichloro...	0.490	0.432	0.548	0.520	0.581	0.435	0.501	12.03
54) T	cis-1,3-Dichlo...	0.567	0.507	0.627	0.580	0.645	0.527	0.575	9.38
55) T	1,1,2-Trichlor...	0.392	0.333	0.397	0.346	0.370	0.339	0.363	7.59
56) T	Ethyl methacry...	0.503	0.482	0.608	0.564	0.622	0.463	0.540	12.44

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57)	T	1,3-Dichloropr...	0.648	0.573	0.678	0.612	0.669	0.598	0.630	6.66
58)	T	2-Chloroethyl ...	0.206	0.168	0.201	0.194	0.218	0.137	0.187	15.93
59)	T	2-Hexanone	0.360	0.325	0.408	0.363	0.391	0.319	0.361	9.79
60)	T	Dibromochlorom...	0.355	0.315	0.400	0.362	0.395	0.317	0.357	10.30
61)	T	1,2-Dibromoethane	0.353	0.306	0.381	0.341	0.378	0.332	0.349	8.28
62)	S	4-Bromofluorob...	0.432	0.363	0.434	0.410	0.448		0.418	8.02
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.375	0.330	0.410	0.361	0.403	0.352	0.372	8.27
65)	PM	Chlorobenzene	1.107	0.955	1.160	1.017	1.113	1.132	1.081	7.21
66)	T	1,1,1,2-Tetrac...	0.383	0.342	0.428	0.372	0.410	0.410	0.391	8.04
67)	C	Ethyl Benzene	1.986	1.726	2.180	1.958	2.135	1.788	1.962	9.24#
68)	T	m/p-Xylenes	0.741	0.662	0.818	0.732	0.803	0.674	0.738	8.67
69)	T	o-Xylene	0.736	0.654	0.800	0.725	0.791	0.656	0.727	8.66
70)	T	Styrene	1.123	1.002	1.300	1.187	1.312	0.913	1.140	14.06
71)	P	Bromoform	0.251	0.227	0.297	0.271	0.302	0.249	0.266	11.07
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.529	4.008	4.803	4.258	4.539	4.013	4.358	7.34
74)	T	N-amyl acetate	1.741	1.504	1.869	1.691	1.821	1.600	1.705	8.02
75)	P	1,1,2,2-Tetrac...	1.508	1.313	1.460	1.230	1.275	1.595	1.397	10.38
76)	T	1,2,3-Trichlor...	1.348	1.169	1.347	1.141	1.198	1.363	1.261	8.12
77)	T	Bromobenzene	1.013	0.865	1.029	0.908	0.966	1.005	0.964	6.76
78)	T	n-propylbenzene	5.076	4.579	5.546	4.994	5.369	4.256	4.970	9.71
79)	T	2-Chlorotoluene	3.317	2.919	3.400	3.006	3.233	3.254	3.188	5.84
80)	T	1,3,5-Trimethy...	3.731	3.393	4.064	3.628	3.872	3.229	3.653	8.40
81)	T	trans-1,4-Dich...	0.391	0.324	0.407	0.378	0.412		0.382	9.24
82)	T	4-Chlorotoluene	3.198	2.804	3.280	2.925	3.119	2.810	3.023	6.76
83)	T	tert-Butylbenzene	3.420	2.845	3.452	3.045	3.251	2.716	3.121	9.74
84)	T	1,2,4-Trimethy...	3.711	3.355	4.100	3.615	3.835	3.004	3.603	10.63
85)	T	sec-Butylbenzene	4.541	4.037	4.888	4.435	4.766	3.482	4.358	11.95
86)	T	p-Isopropyltol...	3.497	3.200	3.931	3.601	3.910	2.778	3.486	12.66
87)	T	1,3-Dichlorobe...	1.871	1.543	1.887	1.705	1.819	1.740	1.761	7.29
88)	T	1,4-Dichlorobe...	1.897	1.557	1.855	1.674	1.800	1.944	1.788	8.19
89)	T	n-Butylbenzene	2.923	2.534	3.264	3.138	3.464	2.745	3.011	11.42
90)	T	Hexachloroethane	0.652	0.562	0.656	0.621	0.669	0.618	0.630	6.20
91)	T	1,2-Dichlorobe...	1.834	1.584	1.904	1.663	1.789	1.930	1.784	7.64
92)	T	1,2-Dibromo-3-...	0.283	0.232	0.288	0.254	0.279	0.251	0.265	8.39
93)	T	1,2,4-Trichlor...	0.835	0.735	0.955	0.932	1.018	0.880	0.892	11.14
94)	T	Hexachlorobuta...	0.476	0.426	0.475	0.438	0.483	0.490	0.465	5.60
95)	T	Naphthalene	2.448	2.421	3.246	3.159	3.457	2.420	2.859	16.78
96)	T	1,2,3-Trichlor...	0.804	0.774	0.968	0.923	0.993	0.800	0.877	10.90

(#) = Out of Range

Chloroethane



Response = $4.048 \times 10^{-1} \times \text{Amt} + 6.355 \times 10^{-3}$
Coef of Det (r^2) = 0.998500 Curve Fit: Linear
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Calibration Table Last Updated: Tue Mar 07 08:45:33 2023