

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N063025W.M
 Title : SW846 8260
 Last Update : Tue Jul 01 03:15:00 2025
 Response Via : Initial Calibration

Calibration Files

1 =VN087238.D 5 =VN087239.D 20 =VN087240.D 50 =VN087241.D 100 =VN087242.D 150 =VN087243.D

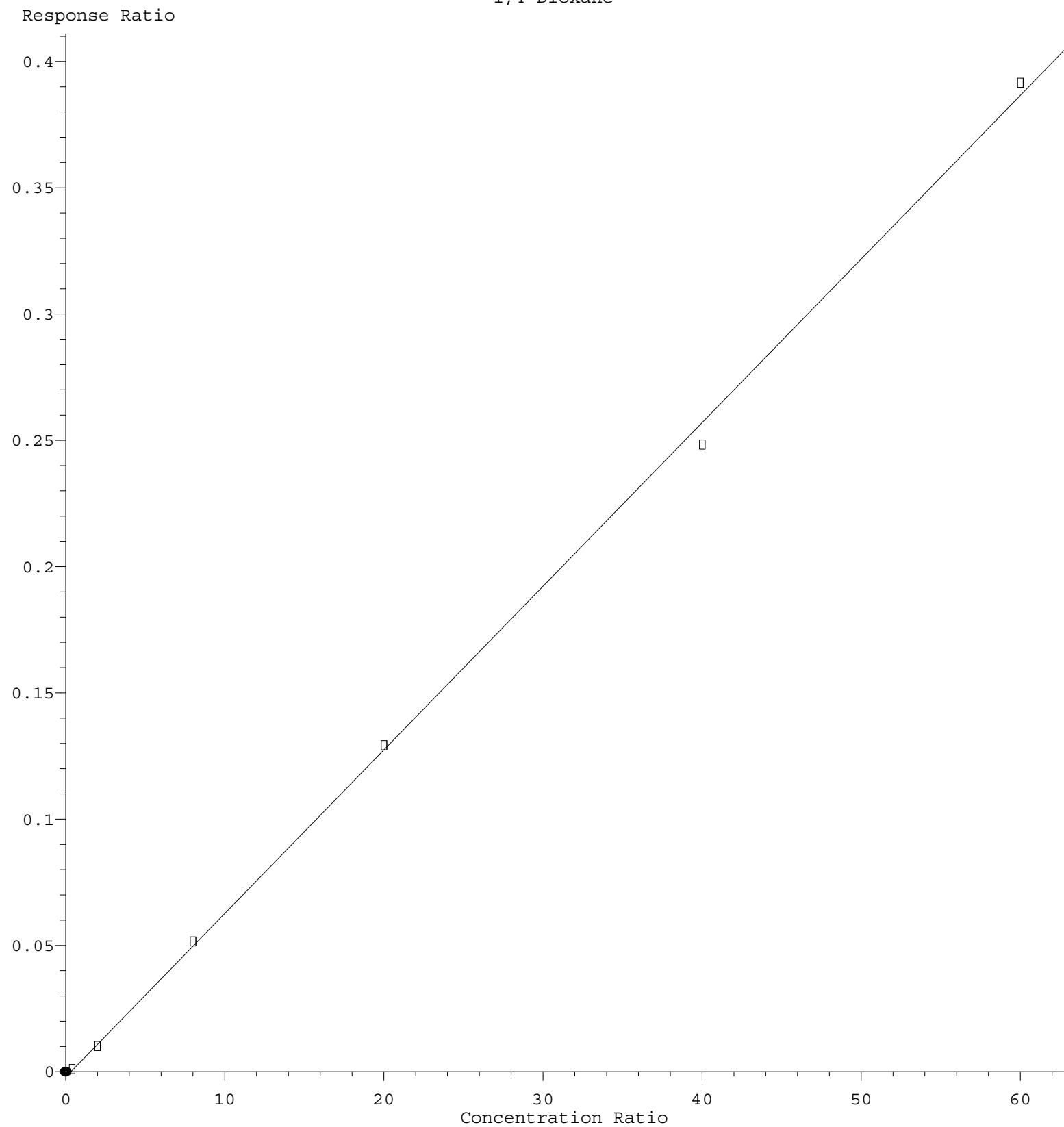
	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.442	0.449	0.479	0.507	0.508	0.534	0.487	7.46
3) P	Chloromethane	0.362	0.374	0.412	0.393	0.402	0.428	0.395	6.17
4) C	Vinyl Chloride	0.423	0.492	0.525	0.488	0.498	0.489	0.486	6.94#
5) T	Bromomethane		0.444	0.451	0.402	0.439	0.480	0.443	6.29
6) T	Chloroethane	0.362	0.383	0.424	0.382	0.383	0.374	0.385	5.43
7) T	Trichlorofluor...	0.826	0.854	0.936	0.820	0.820	0.802	0.843	5.75
8) T	Diethyl Ether	0.189	0.283	0.312	0.274	0.281	0.275	0.269	15.43
9) T	1,1,2-Trichlor...	0.453	0.501	0.534	0.479	0.486	0.483	0.489	5.45
10) T	Methyl Iodide		0.332	0.466	0.526	0.554	0.550	0.486	19.10
11) T	Tert butyl alc...		0.109	0.125	0.115	0.112	0.111	0.114	5.50
12) CM	1,1-Dichloroet...	0.423	0.450	0.512	0.464	0.466	0.474	0.465	6.28#
13) T	Acrolein		0.071	0.076	0.076	0.083	0.090	0.079	9.23
14) T	Allyl chloride	0.499	0.564	0.618	0.564	0.586	0.588	0.570	7.05
15) T	Acrylonitrile	0.267	0.278	0.309	0.276	0.286	0.292	0.285	5.22
16) T	Acetone	0.260	0.237	0.263	0.226	0.227	0.226	0.240	7.16
17) T	Carbon Disulfide	1.540	1.386	1.489	1.321	1.320	1.315	1.395	6.99
18) T	Methyl Acetate	0.501	0.542	0.616	0.540	0.544	0.554	0.549	6.81
19) T	Methyl tert-bu...	1.448	1.548	1.758	1.606	1.677	1.739	1.629	7.32
20) T	Methylene Chlo...	0.526	0.552	0.594	0.506	0.508	0.503	0.531	6.68
21) T	trans-1,2-Dich...	0.579	0.552	0.600	0.531	0.550	0.560	0.562	4.32
22) T	Diisopropyl ether	1.070	1.285	1.452	1.346	1.466	1.568	1.364	12.81
23) T	Vinyl Acetate	0.928	1.145	1.351	1.267	1.386	1.493	1.262	15.92
24) P	1,1-Dichloroet...	0.798	0.897	0.983	0.873	0.896	0.916	0.894	6.73
25) T	2-Butanone	0.330	0.354	0.406	0.370	0.390	0.400	0.375	7.82
26) T	2,2-Dichloropr...	0.796	0.854	0.927	0.826	0.859	0.871	0.855	5.17
27) T	cis-1,2-Dichlo...	0.617	0.613	0.702	0.633	0.656	0.672	0.649	5.32
28) T	Bromochloromet...	0.362	0.397	0.384	0.401	0.404	0.420	0.395	5.01
29) T	Tetrahydrofuran	0.189	0.219	0.261	0.243	0.263	0.274	0.242	13.35
30) C	Chloroform	0.881	0.988	1.102	0.956	0.996	1.022	0.991	7.37#
31) T	Cyclohexane		0.982	0.873	0.783	0.808	0.827	0.855	9.20
32) T	1,1,1-Trichlor...	0.915	0.919	0.994	0.887	0.898	0.924	0.923	4.07
33) S	1,2-Dichloroet...		0.655	0.598	0.592	0.636	0.656	0.628	4.88
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.313	0.303	0.307	0.334	0.345	0.320	5.75
36) T	1,1-Dichloropr...	0.396	0.399	0.467	0.425	0.459	0.466	0.435	7.61
37) T	Ethyl Acetate	0.421	0.423	0.499	0.465	0.490	0.510	0.468	8.23
38) T	Carbon Tetrach...	0.444	0.477	0.530	0.485	0.512	0.512	0.493	6.31
39) T	Methylcyclohexane	0.455	0.463	0.545	0.515	0.561	0.572	0.518	9.67
40) TM	Benzene	1.284	1.270	1.434	1.310	1.381	1.414	1.349	5.20
41) T	Methacrylonitrile	0.182	0.206	0.230	0.222	0.244	0.258	0.224	12.18
42) TM	1,2-Dichloroet...	0.400	0.437	0.470	0.443	0.470	0.471	0.449	6.27
43) T	Isopropyl Acetate	0.596	0.668	0.762	0.718	0.792	0.819	0.726	11.47
44) TM	Trichloroethene	0.322	0.363	0.385	0.346	0.364	0.370	0.358	6.12
45) C	1,2-Dichloropr...	0.247	0.275	0.321	0.290	0.311	0.320	0.294	9.91#
46) T	Dibromomethane	0.238	0.234	0.271	0.241	0.255	0.261	0.250	5.89
47) T	Bromodichlorom...	0.408	0.489	0.521	0.465	0.486	0.495	0.477	8.10
48) T	Methyl methacr...	0.221	0.271	0.323	0.309	0.344	0.366	0.306	17.13
49) T	1,4-Dioxane	0.003	0.005	0.006	0.006	0.006	0.007	0.006	27.68
50) S	Toluene-d8		1.137	1.150	1.205	1.363	1.384	1.248	9.44
51) T	4-Methyl-2-Pen...	0.313	0.377	0.471	0.454	0.516	0.534	0.444	19.06
52) CM	Toluene	0.741	0.812	0.928	0.889	0.956	0.980	0.885	10.39#
53) T	t-1,3-Dichloro...	0.403	0.466	0.536	0.514	0.569	0.583	0.512	13.19
54) T	cis-1,3-Dichlo...	0.414	0.494	0.557	0.519	0.566	0.579	0.521	11.76
55) T	1,1,2-Trichlor...	0.298	0.331	0.354	0.325	0.350	0.348	0.334	6.34
56) T	Ethyl methacry...		0.341	0.473	0.486	0.562	0.587	0.490	19.70

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57)	T	1,3-Dichloropr...	0.492	0.524	0.578	0.527	0.573	0.578	0.545	6.63
58)	T	2-Chloroethyl ...	0.200	0.234	0.256	0.266	0.290	0.306	0.259	14.80
59)	T	2-Hexanone		0.268	0.268	0.307	0.366	0.381	0.318	16.68
60)	T	Dibromochlorom...	0.328	0.376	0.420	0.393	0.425	0.420	0.394	9.45
61)	T	1,2-Dibromoethane	0.294	0.340	0.388	0.357	0.390	0.388	0.359	10.58
62)	S	4-Bromofluorob...		0.390	0.403	0.432	0.490	0.505	0.444	11.64
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.304	0.326	0.362	0.323	0.342	0.344	0.333	6.02
65)	PM	Chlorobenzene	1.107	1.082	1.194	1.071	1.131	1.145	1.122	4.04
66)	T	1,1,1,2-Tetrac...	0.368	0.370	0.415	0.378	0.394	0.399	0.387	4.85
67)	C	Ethyl Benzene	1.482	1.659	1.945	1.801	1.968	2.038	1.815	11.70#
68)	T	m/p-Xylenes	0.585	0.655	0.782	0.734	0.787	0.809	0.725	12.12
69)	T	o-Xylene	0.499	0.625	0.722	0.695	0.751	0.778	0.679	15.06
70)	T	Styrene	0.803	0.978	1.258	1.203	1.312	1.365	1.153	18.88
71)	P	Bromoform	0.217	0.289	0.320	0.308	0.326	0.333	0.299	14.35
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.651	2.894	3.493	3.144	3.508	3.640	3.222	12.18
74)	T	N-ethyl acetate		1.021	1.069	0.825	1.114	1.270	1.059	15.22
75)	P	1,1,2,2-Tetrac...	1.002	1.049	1.137	0.994	1.073	1.104	1.060	5.34
76)	T	1,2,3-Trichlor...	0.859	1.016	1.118	0.851	0.925	0.938	0.951	10.64
77)	T	Bromobenzene	0.716	0.823	0.909	0.827	0.878	0.893	0.841	8.35
78)	T	n-propylbenzene	3.334	3.559	4.137	3.796	4.214	4.310	3.892	10.08
79)	T	2-Chlorotoluene	2.129	2.149	2.449	2.239	2.426	2.504	2.316	7.05
80)	T	1,3,5-Trimethy...	2.169	2.469	2.895	2.718	2.931	2.976	2.693	11.77
81)	T	trans-1,4-Dich...		0.352	0.393	0.390	0.432	0.458	0.405	10.13
82)	T	4-Chlorotoluene	2.197	2.230	2.573	2.332	2.587	2.628	2.424	8.00
83)	T	tert-Butylbenzene	2.013	2.259	2.510	2.322	2.500	2.553	2.359	8.72
84)	T	1,2,4-Trimethy...	2.004	2.381	2.970	2.779	2.989	3.063	2.698	15.55
85)	T	sec-Butylbenzene	2.746	3.044	3.640	3.369	3.634	3.632	3.344	11.22
86)	T	p-Isopropyltol...	2.290	2.529	3.158	2.939	3.135	3.197	2.875	13.17
87)	T	1,3-Dichlorobe...	1.572	1.612	1.789	1.611	1.716	1.749	1.675	5.26
88)	T	1,4-Dichlorobe...	1.883	1.715	1.869	1.625	1.680	1.721	1.749	5.97
89)	T	n-Butylbenzene	2.286	2.245	2.662	2.538	2.701	2.754	2.531	8.62
90)	T	Hexachloroethane	0.476	0.552	0.548	0.516	0.543	0.556	0.532	5.82
91)	T	1,2-Dichlorobe...	1.444	1.531	1.720	1.508	1.573	1.622	1.566	6.14
92)	T	1,2-Dibromo-3-...	0.270	0.236	0.260	0.237	0.257	0.268	0.255	5.85
93)	T	1,2,4-Trichlor...	0.853	0.890	0.992	0.894	0.936	0.992	0.926	6.18
94)	T	Hexachlorobuta...	0.355	0.281	0.310	0.273	0.263	0.284	0.294	11.47
95)	T	Naphthalene	2.664	2.824	3.339	3.163	3.494	3.744	3.205	12.72
96)	T	1,2,3-Trichlor...	0.834	0.838	0.967	0.876	0.917	0.982	0.902	7.05

(#) = Out of Range

1,4-Dioxane



Response = $6.480 \times 10^{-3} \times \text{Amt} - 2.165 \times 10^{-3}$
Coef of Det (r^2) = 0.999090 Curve Fit: Linear
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Calibration Table Last Updated: Tue Jul 01 03:15:00 2025