

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X021723W.M
 Title : SW846 8260
 Last Update : Fri Feb 17 12:33:35 2023
 Response Via : Initial Calibration

Calibration Files

1 =VX034147.D 5 =VX034148.D 20 =VX034149.D 50 =VX034150.D 100 =VX034151.D 150 =VX034152.D

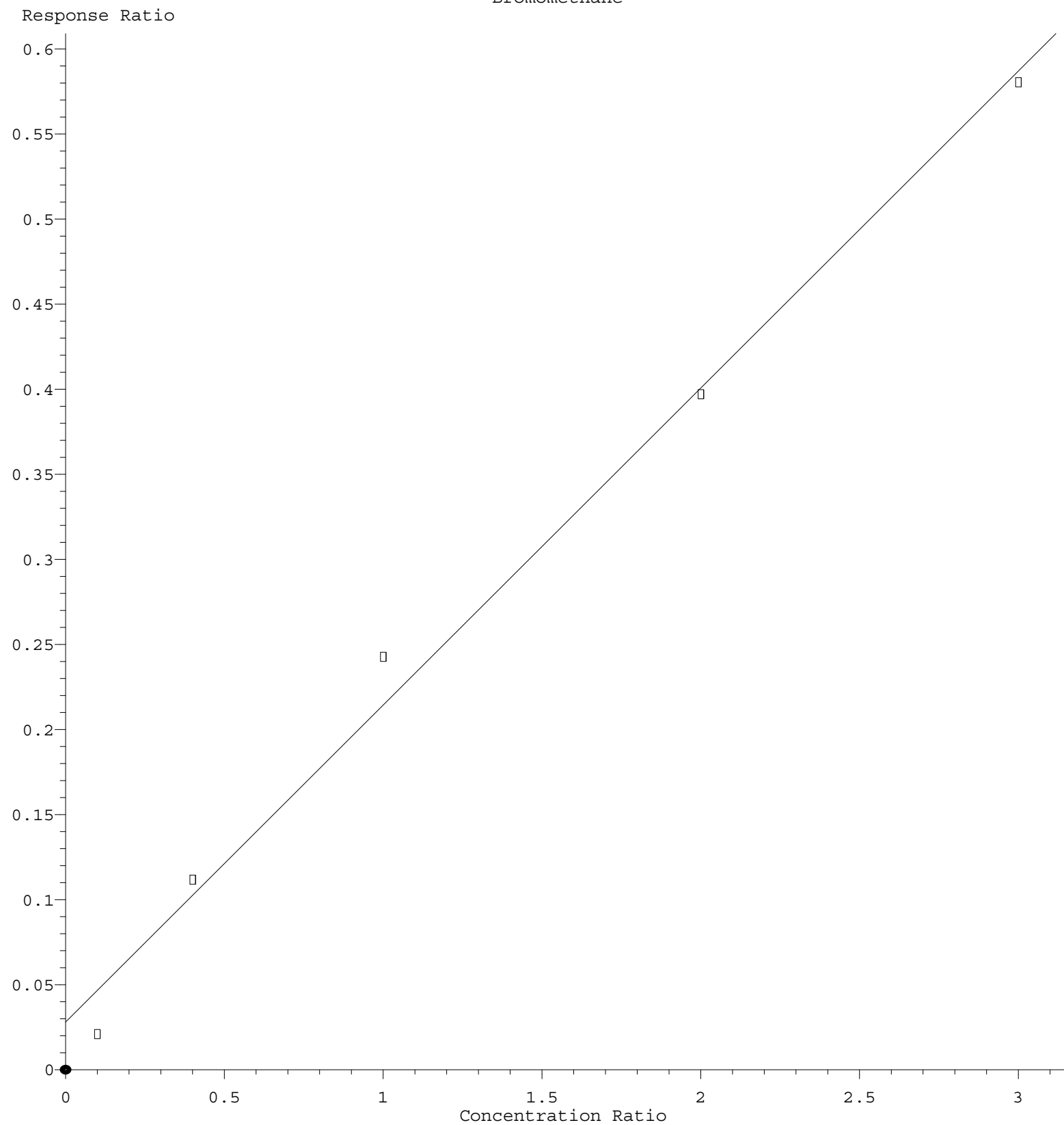
	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.384	0.365	0.414	0.455	0.493	0.482	0.432	12.24
3) P	Chloromethane	0.605	0.583	0.583	0.642	0.679	0.638	0.622	6.14
4) C	Vinyl Chloride	0.558	0.537	0.527	0.587	0.607	0.582	0.566	5.45#
5) T	Bromomethane		0.210	0.279	0.243	0.198	0.193	0.225	16.04
6) T	Chloroethane	0.283	0.262	0.283	0.307	0.294	0.280	0.285	5.32
7) T	Trichlorofluor...	0.818	0.698	0.724	0.782	0.812	0.763	0.766	6.26
8) T	Diethyl Ether	0.379	0.284	0.286	0.299	0.313	0.290	0.309	11.65
9) T	1,1,2-Trichlor...	0.582	0.507	0.483	0.552	0.574	0.539	0.539	7.12
10) T	Methyl Iodide		0.541	0.614	0.696	0.743	0.691	0.657	12.12
11) T	Tert butyl alc...		0.160	0.148	0.146	0.157	0.143	0.151	4.87
12) CM	1,1-Dichloroet...	0.579	0.498	0.502	0.550	0.577	0.538	0.541	6.50#
13) T	Acrolein		0.081	0.061	0.065	0.071	0.065	0.069	11.41
14) T	Allyl chloride	1.234	1.067	1.078	1.175	1.229	1.101	1.147	6.57
15) T	Acrylonitrile	0.336	0.322	0.323	0.338	0.345	0.307	0.329	4.17
16) T	Acetone	0.431	0.343	0.317	0.343	0.347	0.302	0.347	12.86
17) T	Carbon Disulfide	1.682	1.399	1.453	1.589	1.662	1.543	1.555	7.25
18) T	Methyl Acetate	1.053	0.933	1.065	1.133	1.191	1.074	1.075	8.07
19) T	Methyl tert-bu...	1.976	1.885	1.795	1.959	2.005	1.832	1.909	4.43
20) T	Methylene Chlo...	0.745	0.591	0.567	0.611	0.647	0.594	0.626	10.25
21) T	trans-1,2-Dich...	0.580	0.544	0.541	0.587	0.597	0.551	0.567	4.27
22) T	Diisopropyl ether	2.171	2.029	1.996	2.074	1.970	1.827	2.011	5.69
23) T	Vinyl Acetate	1.761	1.674	1.602	1.655	1.563	1.414	1.611	7.34
24) P	1,1-Dichloroet...	1.146	1.060	1.037	1.127	1.181	1.074	1.104	5.03
25) T	2-Butanone	0.560	0.502	0.486	0.506	0.509	0.453	0.503	6.95
26) T	2,2-Dichloropr...	1.112	0.971	0.906	1.007	1.048	0.957	1.000	7.25
27) T	cis-1,2-Dichlo...	0.691	0.644	0.637	0.690	0.709	0.655	0.671	4.45
28) T	Bromochloromet...	0.514	0.494	0.538	0.489	0.467	0.454	0.493	6.24
29) T	Tetrahydrofuran	0.335	0.300	0.300	0.313	0.307	0.285	0.307	5.40
30) C	Chloroform	1.148	0.996	0.981	1.085	1.115	1.036	1.060	6.29#
31) T	Cyclohexane		1.005	0.952	1.054	1.053	0.964	1.005	4.79
32) T	1,1,1-Trichlor...	1.021	0.893	0.871	0.967	1.007	0.943	0.950	6.36
33) S	1,2-Dichloroet...		0.703	0.656	0.648	0.680	0.679	0.673	3.21
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.350	0.317	0.313	0.322	0.326	0.326	4.38
36) T	1,1-Dichloropr...	0.505	0.452	0.445	0.504	0.507	0.477	0.481	5.78
37) T	Ethyl Acetate	0.530	0.520	0.528	0.569	0.559	0.523	0.538	3.85
38) T	Carbon Tetrach...	0.538	0.468	0.442	0.508	0.520	0.498	0.495	7.11
39) T	Methylcyclohexane	0.663	0.599	0.561	0.648	0.644	0.603	0.620	6.24
40) TM	Benzene	1.543	1.412	1.345	1.452	1.446	1.363	1.427	5.01
41) T	Methacrylonitrile	0.287	0.297	0.290	0.317	0.314	0.294	0.300	4.14
42) TM	1,2-Dichloroet...	0.537	0.467	0.468	0.516	0.525	0.498	0.502	5.89
43) T	Isopropyl Acetate	0.985	0.935	0.908	0.980	0.976	0.914	0.950	3.68
44) TM	Trichloroethene	0.373	0.356	0.339	0.378	0.385	0.366	0.366	4.56
45) C	1,2-Dichloropr...	0.394	0.371	0.363	0.390	0.394	0.366	0.380	3.88#
46) T	Dibromomethane	0.258	0.243	0.229	0.256	0.264	0.250	0.250	4.97
47) T	Bromodichlorom...	0.547	0.490	0.476	0.526	0.533	0.505	0.513	5.31
48) T	Methyl methacr...	0.462	0.438	0.430	0.466	0.470	0.438	0.451	3.85
49) T	1,4-Dioxane	0.009	0.009	0.009	0.009	0.009	0.008	0.009	3.80
50) S	Toluene-d8		1.249	1.166	1.148	1.134	1.148	1.169	3.96
51) T	4-Methyl-2-Pen...	0.552	0.542	0.530	0.538	0.507	0.466	0.522	6.02
52) CM	Toluene	0.941	0.844	0.821	0.881	0.877	0.823	0.865	5.25#
53) T	t-1,3-Dichloro...	0.605	0.577	0.551	0.615	0.613	0.583	0.590	4.22
54) T	cis-1,3-Dichlo...	0.656	0.619	0.595	0.659	0.651	0.613	0.632	4.21
55) T	1,1,2-Trichlor...	0.360	0.346	0.335	0.358	0.356	0.339	0.349	2.98
56) T	Ethyl methacry...	0.605	0.572	0.568	0.615	0.608	0.575	0.590	3.52

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57)	T	1,3-Dichloropr...	0.646	0.588	0.586	0.628	0.611	0.585	0.607	4.22
58)	T	2-Chloroethyl ...	0.254	0.264	0.258	0.260	0.251	0.247	0.256	2.41
59)	T	2-Hexanone	0.413	0.413	0.405	0.406	0.390	0.361	0.398	5.01
60)	T	Dibromochlorom...	0.400	0.365	0.364	0.395	0.402	0.388	0.386	4.45
61)	T	1,2-Dibromoethane	0.391	0.355	0.351	0.375	0.381	0.361	0.369	4.26
62)	S	4-Bromofluorob...		0.449	0.438	0.437	0.450	0.461	0.447	2.27
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.391	0.353	0.329	0.359	0.355	0.330	0.353	6.45
65)	PM	Chlorobenzene	1.104	1.022	0.991	1.064	1.070	1.002	1.042	4.23
66)	T	1,1,1,2-Tetrac...	0.432	0.385	0.379	0.412	0.418	0.395	0.403	5.05
67)	C	Ethyl Benzene	1.925	1.860	1.815	1.948	1.922	1.764	1.872	3.85#
68)	T	m/p-Xylenes	0.762	0.717	0.693	0.729	0.727	0.670	0.717	4.43
69)	T	o-Xylene	0.736	0.711	0.692	0.729	0.734	0.679	0.713	3.31
70)	T	Styrene	1.155	1.157	1.128	1.203	1.209	1.109	1.160	3.43
71)	P	Bromoform	0.325	0.315	0.311	0.337	0.352	0.336	0.329	4.65
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.188	3.769	3.673	3.874	3.840	3.519	3.811	5.91
74)	T	N-amyl acetate	1.985	1.939	1.875	1.894	1.963	1.831	1.914	3.03
75)	P	1,1,2,2-Tetrac...	1.408	1.311	1.268	1.284	1.314	1.235	1.303	4.55
76)	T	1,2,3-Trichlor...	1.254	1.370	1.219	1.252	1.274	1.180	1.258	5.07
77)	T	Bromobenzene	0.976	0.898	0.870	0.920	0.944	0.893	0.917	4.19
78)	T	n-propylbenzene	4.627	4.386	4.298	4.585	4.512	4.183	4.432	3.90
79)	T	2-Chlorotoluene	2.950	2.638	2.617	2.749	2.773	2.578	2.718	5.04
80)	T	1,3,5-Trimethy...	3.502	3.174	3.082	3.251	3.242	2.971	3.204	5.62
81)	T	trans-1,4-Dich...		0.463	0.478	0.497	0.518	0.493	0.490	4.24
82)	T	4-Chlorotoluene	3.423	3.063	2.957	3.121	3.131	2.877	3.095	6.08
83)	T	tert-Butylbenzene	3.514	3.272	3.126	3.326	3.348	3.102	3.281	4.66
84)	T	1,2,4-Trimethy...	3.589	3.183	3.077	3.247	3.303	3.038	3.239	6.12
85)	T	sec-Butylbenzene	4.226	3.885	3.797	4.104	4.116	3.781	3.985	4.71
86)	T	p-Isopropyltol...	3.398	3.255	3.087	3.425	3.447	3.175	3.298	4.50
87)	T	1,3-Dichlorobe...	1.782	1.646	1.626	1.746	1.807	1.713	1.720	4.22
88)	T	1,4-Dichlorobe...	1.881	1.710	1.582	1.741	1.799	1.695	1.735	5.83
89)	T	n-Butylbenzene	2.956	2.796	2.736	3.071	3.156	2.908	2.937	5.43
90)	T	Hexachloroethane	0.705	0.666	0.633	0.704	0.738	0.690	0.689	5.26
91)	T	1,2-Dichlorobe...	1.778	1.671	1.605	1.706	1.729	1.606	1.683	4.10
92)	T	1,2-Dibromo-3-...	0.306	0.297	0.303	0.314	0.327	0.317	0.311	3.49
93)	T	1,2,4-Trichlor...	1.034	0.995	1.002	1.134	1.175	1.141	1.080	7.31
94)	T	Hexachlorobuta...	0.460	0.419	0.397	0.465	0.480	0.466	0.448	7.20
95)	T	Naphthalene	3.622	3.468	3.514	3.713	3.867	3.651	3.639	3.93
96)	T	1,2,3-Trichlor...	1.061	1.013	1.005	1.096	1.143	1.117	1.073	5.21

(#) = Out of Range

Bromomethane



$\text{Response} = 1.864\text{e-}001 * \text{Amt} + 2.826\text{e-}002$
 Coef of Det (r^2) = 0.991994 Curve Fit: Linear
 Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X021723W.M
 Calibration Table Last Updated: Fri Feb 17 12:33:35 2023