

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N080723W.M
 Title : SW846 8260
 Last Update : Tue Aug 08 05:03:52 2023
 Response Via : Initial Calibration

Calibration Files

10 =VN078786.D 20 =VN078785.D 40 =VN078784.D 5 =VN078787.D 50 =VN078783.D 75 =VN078782.D

	Compound	10	20	40	5	50	75	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.832	0.729	0.700	0.779	0.718	0.669	0.738	7.98
3) P	Chloromethane	0.988	0.843	0.835	0.959	0.803	0.736	0.861	11.11
4) C	Vinyl Chloride	0.895	0.795	0.816	0.861	0.794	0.716	0.813	7.60#
5) T	Bromomethane	0.687	0.563	0.535	0.689	0.513	0.467	0.576	16.10
6) T	Chloroethane	0.604	0.522	0.512	0.584	0.496	0.489	0.534	8.97
7) T	Trichlorofluor...	1.249	1.067	1.090	1.216	1.079	0.997	1.116	8.60
8) T	Diethyl Ether	0.448	0.400	0.406	0.411	0.404	0.376	0.407	5.71
9) T	1,1,2-Trichlor...	0.633	0.578	0.574	0.604	0.571	0.529	0.581	6.00
10) T	Methyl Iodide	0.803	0.718	0.771	0.690	0.772	0.726	0.747	5.61
11) T	Tert butyl alc...	0.149	0.127	0.121	0.161	0.119	0.113	0.132	14.54
12) CM	1,1-Dichloroet...	0.678	0.579	0.576	0.601	0.544	0.529	0.584	9.01#
13) T	Acrolein	0.104	0.103	0.114	0.121	0.113	0.113	0.111	6.03
14) T	Allyl chloride	0.966	0.920	0.976	0.948	1.074	0.954	0.973	5.43
15) T	Acrylonitrile	0.365	0.331	0.342	0.346	0.344	0.328	0.343	3.84
16) T	Acetone	0.313	0.281	0.277	0.319	0.275	0.265	0.288	7.69
17) T	Carbon Disulfide	1.895	1.630	1.613	1.770	1.592	1.502	1.667	8.49
18) T	Methyl Acetate	1.378	1.286	1.278	1.351	1.269	1.211	1.295	4.65
19) T	Methyl tert-bu...	2.164	1.927	1.967	1.937	1.969	1.880	1.974	4.99
20) T	Methylene Chlo...	0.783	0.689	0.703	0.799	0.672	0.640	0.714	8.84
21) T	trans-1,2-Dich...	0.721	0.630	0.641	0.693	0.632	0.606	0.654	6.70
22) T	Diisopropyl ether	2.588	2.285	2.356	2.252	2.332	2.212	2.337	5.70
23) T	Vinyl Acetate	1.518	1.457	1.485	1.423	1.480	1.438	1.467	2.34
24) P	1,1-Dichloroet...	1.451	1.243	1.261	1.238	1.240	1.194	1.271	7.17
25) T	2-Butanone	0.540	0.478	0.488	0.477	0.480	0.467	0.488	5.33
26) T	2,2-Dichloropr...	0.945	0.848	0.895	0.858	0.903	0.877	0.888	3.98
27) T	cis-1,2-Dichlo...	0.852	0.725	0.750	0.744	0.723	0.710	0.751	6.91
28) T	Bromochloromet...	0.793	0.653	0.640	0.711	0.671	0.665	0.689	8.17
29) T	Tetrahydrofuran	0.357	0.316	0.317	0.323	0.329	0.319	0.327	4.71
30) C	Chloroform	1.425	1.230	1.273	1.330	1.249	1.174	1.280	6.83#
31) T	Cyclohexane	1.245	1.071	1.049	1.241	1.014	0.988	1.101	10.31
32) T	1,1,1-Trichlor...	1.171	1.085	1.089	1.069	1.086	1.029	1.088	4.24
33) S	1,2-Dichloroet...	0.728	0.765	0.641	0.871	0.753	0.739	0.750	9.87
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.312	0.350	0.292	0.386	0.345	0.341	0.338	9.60
36) T	1,1-Dichloropr...	0.552	0.497	0.523	0.523	0.527	0.520	0.524	3.35
37) T	Ethyl Acetate	0.597	0.550	0.555	0.518	0.578	0.543	0.557	4.95
38) T	Carbon Tetrach...	0.587	0.522	0.533	0.525	0.536	0.536	0.540	4.44
39) T	Methylcyclohexane	0.509	0.474	0.486	0.481	0.491	0.494	0.489	2.44
40) TM	Benzene	1.734	1.514	1.564	1.583	1.586	1.527	1.584	4.96
41) T	Methacrylonitrile	0.336	0.293	0.288	0.335	0.312	0.295	0.310	6.89
42) TM	1,2-Dichloroet...	0.628	0.538	0.565	0.575	0.553	0.558	0.569	5.46
43) T	Isopropyl Acetate	0.985	0.919	0.943	0.904	0.955	0.928	0.939	3.07
44) TM	Trichloroethene	0.423	0.374	0.383	0.406	0.374	0.368	0.388	5.66
45) C	1,2-Dichloropr...	0.475	0.420	0.417	0.409	0.414	0.413	0.425	5.83#
46) T	Dibromomethane	0.299	0.275	0.284	0.288	0.277	0.273	0.283	3.53
47) T	Bromodichlorom...	0.590	0.542	0.562	0.575	0.561	0.547	0.563	3.13
48) T	Methyl methacr...	0.466	0.402	0.451	0.411	0.435	0.437	0.434	5.51
49) T	1,4-Dioxane	0.008	0.007	0.007	0.006	0.007	0.007	0.007	7.40
50) S	Toluene-d8	1.107	1.308	1.104	1.305	1.307	1.324	1.243	8.55
51) T	4-Methyl-2-Pen...	0.602	0.554	0.586	0.540	0.580	0.589	0.575	4.07
52) CM	Toluene	1.007	0.938	0.972	0.941	0.974	0.974	0.968	2.62#
53) T	t-1,3-Dichloro...	0.589	0.535	0.598	0.551	0.588	0.589	0.575	4.43
54) T	cis-1,3-Dichlo...	0.640	0.597	0.632	0.607	0.641	0.630	0.625	2.90
55) T	1,1,2-Trichlor...	0.411	0.365	0.377	0.404	0.374	0.377	0.385	4.79
56) T	Ethyl methacry...	0.535	0.546	0.597	0.485	0.590	0.594	0.558	7.92

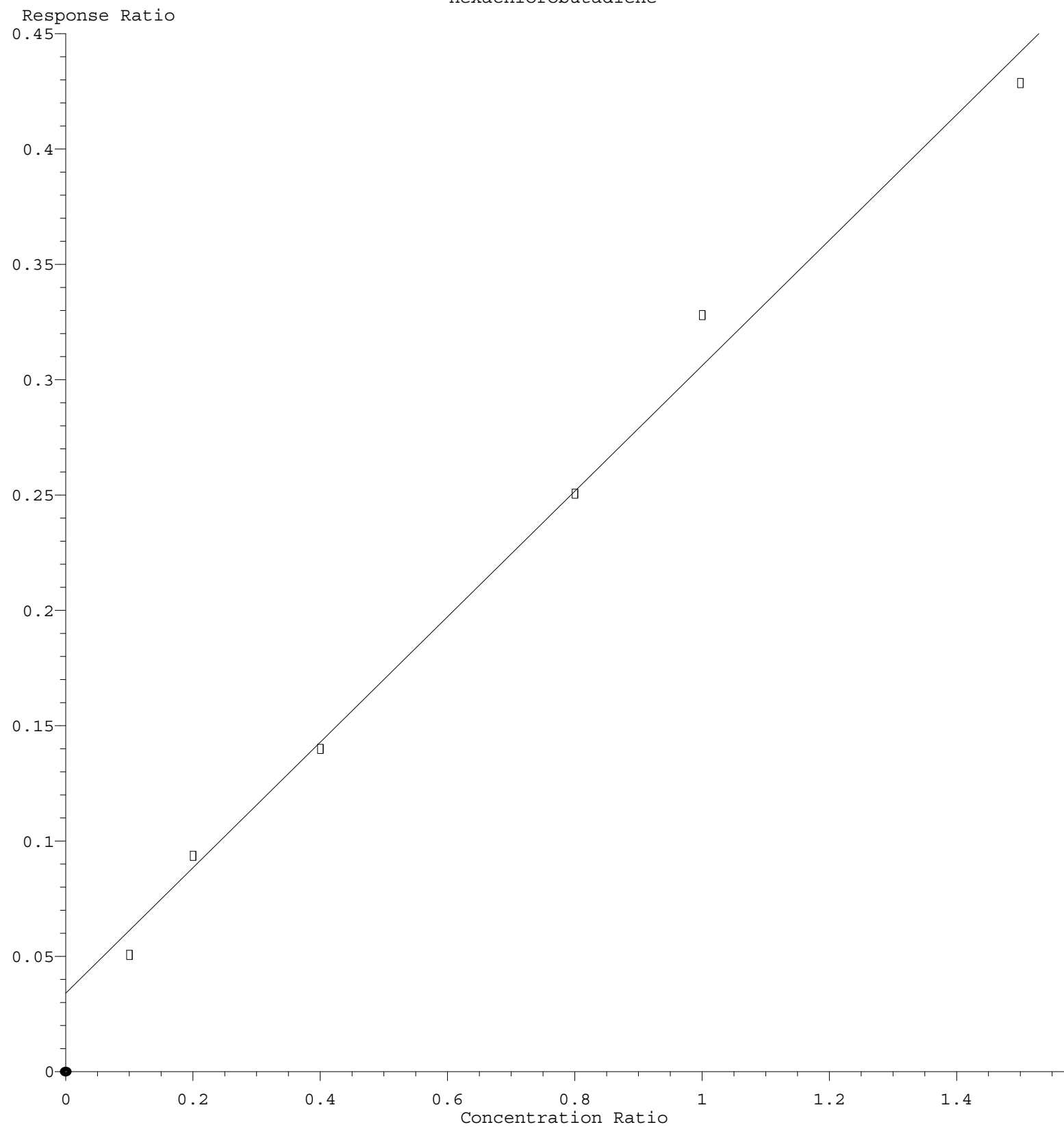
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57)	T	1,3-Dichloropr...	0.708	0.629	0.678	0.675	0.657	0.666	0.669	3.88
58)	T	2-Chloroethyl ...	0.199	0.187	0.209	0.175	0.212	0.219	0.200	8.26
59)	T	2-Hexanone	0.424	0.387	0.417	0.378	0.417	0.421	0.407	4.84
60)	T	Dibromochlorom...	0.411	0.367	0.425	0.392	0.414	0.413	0.404	5.21
61)	T	1,2-Dibromoethane	0.394	0.367	0.382	0.385	0.381	0.377	0.381	2.33
62)	S	4-Bromofluorob...	0.316	0.369	0.352	0.356	0.414	0.420	0.371	10.68
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.440	0.380	0.375	0.386	0.371	0.359	0.385	7.35
65)	PM	Chlorobenzene	1.266	1.117	1.148	1.107	1.124	1.069	1.139	5.93
66)	T	1,1,1,2-Tetrac...	0.514	0.422	0.432	0.449	0.426	0.404	0.441	8.71
67)	C	Ethyl Benzene	2.156	1.966	2.043	2.000	2.039	1.965	2.028	3.52#
68)	T	m/p-Xylenes	0.790	0.745	0.763	0.707	0.755	0.730	0.748	3.82
69)	T	o-Xylene	0.785	0.722	0.747	0.670	0.757	0.727	0.735	5.31
70)	T	Styrene	1.187	1.132	1.213	0.971	1.227	1.186	1.153	8.24
71)	P	Bromoform	0.320	0.295	0.306	0.300	0.312	0.312	0.308	2.90
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	5.813	4.864	4.574	5.299	4.587	4.390	4.921	10.96
74)	T	N-amyl acetate	2.560	2.183	2.104	2.474	2.090	1.983	2.232	10.36
75)	P	1,1,2,2-Tetrac...	2.005	1.646	1.523	1.980	1.463	1.416	1.672	15.55
76)	T	1,2,3-Trichlor...	1.334	1.320	1.353	1.711	1.243	1.151	1.352	14.12
77)	T	Bromobenzene	1.373	1.098	1.066	1.300	1.065	1.025	1.155	12.53
78)	T	n-propylbenzene	6.038	5.263	5.226	5.858	5.158	4.908	5.409	8.13
79)	T	2-Chlorotoluene	3.954	3.437	3.182	4.094	3.190	2.992	3.475	12.96
80)	T	1,3,5-Trimethy...	4.394	3.870	3.742	4.464	3.707	3.477	3.942	10.10
81)	T	trans-1,4-Dich...	0.626	0.445	0.445	0.495	0.515	0.497	0.504	13.17
82)	T	4-Chlorotoluene	3.560	3.123	3.031	3.402	3.051	2.906	3.179	7.85
83)	T	tert-Butylbenzene	3.699	3.317	3.091	3.612	3.070	2.911	3.283	9.65
84)	T	1,2,4-Trimethy...	4.207	3.797	3.722	3.901	3.645	3.460	3.789	6.69
85)	T	sec-Butylbenzene	4.837	4.221	4.016	4.686	4.132	3.867	4.293	8.96
86)	T	p-Isopropyltol...	3.642	3.371	3.276	3.775	3.334	3.084	3.414	7.39
87)	T	1,3-Dichlorobe...	1.996	1.854	1.778	1.905	1.797	1.735	1.844	5.17
88)	T	1,4-Dichlorobe...	2.056	1.817	1.789	1.852	1.802	1.652	1.828	7.16
89)	T	n-Butylbenzene	2.586	2.583	2.540	2.716	2.584	2.360	2.561	4.51
90)	T	Hexachloroethane	0.837	0.679	0.647	0.795	0.656	0.631	0.708	12.23
91)	T	1,2-Dichlorobe...	1.996	1.777	1.805	1.645	1.786	1.651	1.777	7.22
92)	T	1,2-Dibromo-3-...	0.320	0.258	0.240	0.243	0.242	0.235	0.257	12.55
93)	T	1,2,4-Trichlor...	0.473	0.440	0.543	0.406	0.567	0.565	0.499	13.83
94)	T	Hexachlorobuta...	0.468	0.350	0.313	0.506	0.328	0.286	0.375	23.98
95)	T	Naphthalene	1.568	1.481	1.742	1.593	1.809	1.804	1.666	8.25
96)	T	1,2,3-Trichlor...	0.628	0.576	0.618	0.556	0.612	0.576	0.594	4.83

(#) = Out of Range

Hexachlorobutadiene



Response = 2.722e-001 * Amt + 3.371e-002
Coef of Det (r^2) = 0.992415 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N080723W.M
Calibration Table Last Updated: Tue Aug 08 05:03:52 2023