

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D111524S.M
 Title : SW846 8260
 Last Update : Fri Nov 15 16:25:47 2024
 Response Via : Initial Calibration

Calibration Files

5 =VD080020.D 10 =VD080021.D 20 =VD080022.D 50 =VD080023.D 100 =VD080024.D 150 =VD080025.

D

Compound		5	10	20	50	100	150	Avg	%RSD

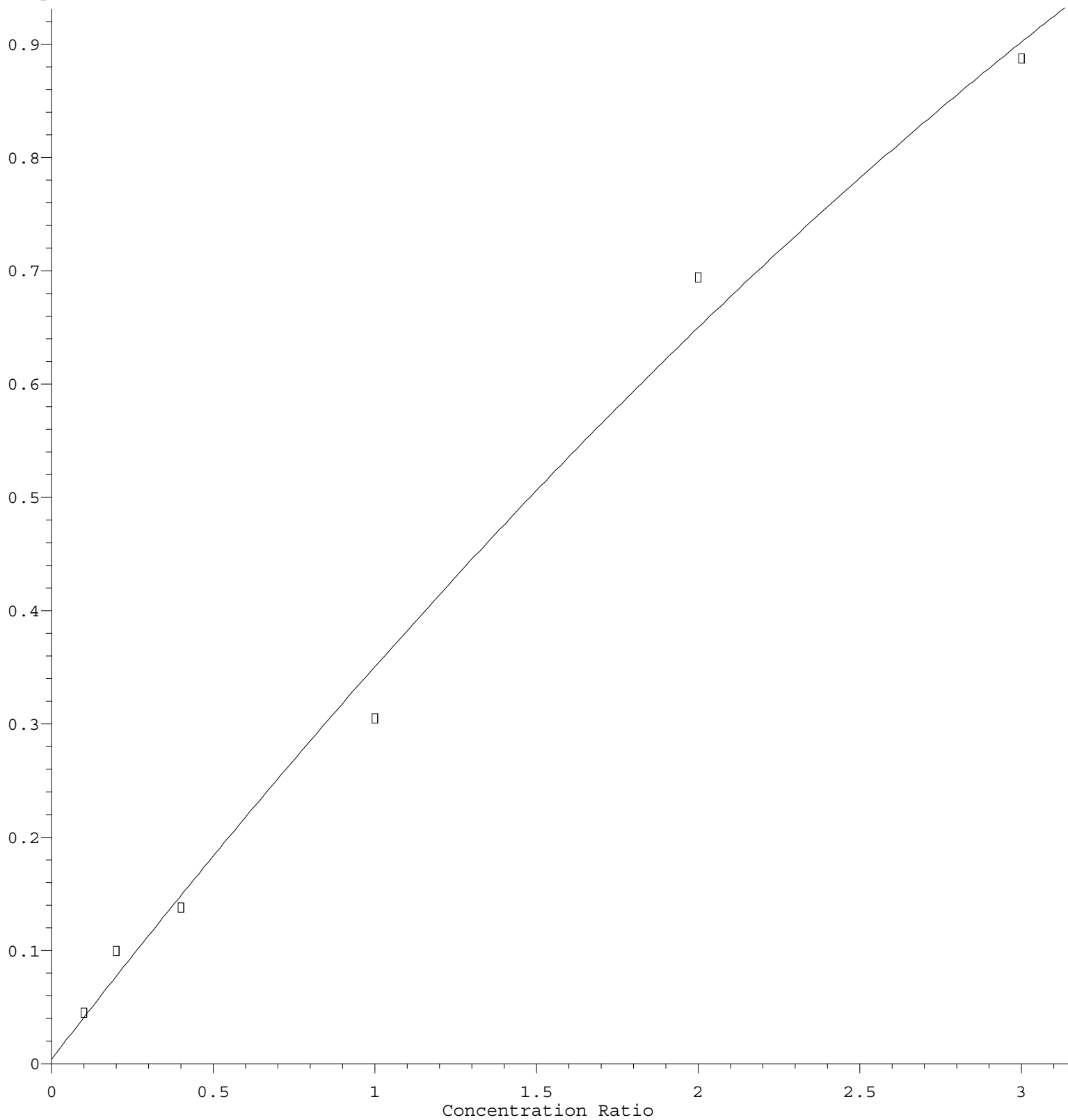
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.465	0.388	0.364	0.396	0.396	0.399	0.401	8.38
3) P	Chloromethane	0.330	0.348	0.279	0.276	0.281	0.257	0.295	12.06
4) C	Vinyl Chloride	0.377	0.390	0.312	0.322	0.330	0.290	0.337	11.51#
5) T	Bromomethane	0.451	0.498	0.345	0.305	0.347	0.296	0.374	21.99
6) T	Chloroethane	0.254	0.309	0.228	0.208	0.251	0.195	0.241	16.94
7) T	Trichlorofluor...	0.935	0.919	0.763	0.766	0.824	0.758	0.827	9.78
8) T	Diethyl Ether	0.230	0.252	0.218	0.226	0.258	0.264	0.242	7.87
9) T	1,1,2-Trichlor...	0.571	0.563	0.486	0.481	0.498	0.503	0.517	7.64
10) T	Methyl Iodide	0.519	0.561	0.602	0.696	0.733	0.727	0.640	14.26
11) T	Tert butyl alc...	0.031	0.028	0.027	0.023	0.026	0.026	0.027	9.63
12) CM	1,1-Dichloroet...	0.535	0.540	0.494	0.491	0.519	0.529	0.518	4.06#
13) T	Acrolein	0.047	0.057	0.043	0.048	0.054	0.060	0.051	12.95
14) T	Allyl chloride	0.762	0.730	0.712	0.638	0.778	0.787	0.734	7.53
15) T	Acrylonitrile	0.105	0.110	0.105	0.100	0.113	0.111	0.107	4.53
16) T	Acetone	0.101	0.116	0.091	0.106	0.132	0.124	0.112	13.65
17) T	Carbon Disulfide	1.724	1.793	1.552	1.554	1.697	1.690	1.668	5.79
18) T	Methyl Acetate	0.270	0.251	0.248	0.214	0.255	0.249	0.248	7.49
19) T	Methyl tert-bu...	0.877	1.057	1.011	1.088	1.156	1.153	1.057	9.88
20) T	Methylene Chlo...	0.643	0.628	0.612	0.556	0.581	0.575	0.599	5.61
21) T	trans-1,2-Dich...	0.589	0.579	0.536	0.578	0.579	0.576	0.573	3.27
22) T	Diisopropyl ether	1.294	1.463	1.487	1.555	1.553	1.571	1.487	6.99
23) T	Vinyl Acetate	0.726	0.801	0.817	0.912	0.935	0.922	0.852	9.82
24) P	1,1-Dichloroet...	1.015	1.040	0.961	0.973	0.974	0.972	0.989	3.16
25) T	2-Butanone	0.135	0.141	0.139	0.154	0.155	0.152	0.146	5.78
26) T	2,2-Dichloropr...	0.944	0.897	0.827	0.837	0.820	0.833	0.860	5.78
27) T	cis-1,2-Dichlo...	0.665	0.649	0.620	0.656	0.675	0.679	0.657	3.23
28) T	Bromochloromet...	0.506	0.495	0.416	0.406	0.402	0.415	0.440	10.72
29) T	Tetrahydrofuran	0.070	0.079	0.074	0.085	0.087	0.085	0.080	8.38
30) C	Chloroform	1.057	1.143	1.012	1.019	1.006	1.015	1.042	5.03#
31) T	Cyclohexane	0.945	0.869	0.780	0.797	0.811	0.828	0.838	7.19
32) T	1,1,1-Trichlor...	0.970	0.930	0.851	0.869	0.864	0.867	0.892	5.30
33) S	1,2-Dichloroet...	0.554	0.532	0.451	0.526	0.504	0.523	0.515	6.82
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.335	0.357	0.285	0.338	0.329	0.354	0.333	7.76
36) T	1,1-Dichloropr...	0.464	0.452	0.431	0.456	0.460	0.468	0.455	2.88
37) T	Ethyl Acetate	0.190	0.207	0.182	0.195	0.203	0.198	0.196	4.67
38) T	Carbon Tetrach...	0.521	0.515	0.482	0.491	0.483	0.490	0.497	3.35
39) T	Methylcyclohexane	0.517	0.515	0.476	0.556	0.583	0.604	0.542	8.86
40) TM	Benzene	1.391	1.430	1.351	1.436	1.439	1.463	1.418	2.84
41) T	Methacrylonitrile	0.096	0.108	0.105	0.104	0.108	0.112	0.106	5.08
42) TM	1,2-Dichloroet...	0.376	0.382	0.350	0.368	0.367	0.359	0.367	3.12
43) T	Isopropyl Acetate	0.320	0.350	0.341	0.367	0.373	0.376	0.355	6.18
44) TM	Trichloroethene	0.378	0.389	0.341	0.361	0.361	0.372	0.367	4.51
45) C	1,2-Dichloropr...	0.333	0.345	0.329	0.352	0.342	0.344	0.341	2.52#
46) T	Dibromomethane	0.202	0.211	0.190	0.196	0.197	0.194	0.198	3.66
47) T	Bromodichlorom...	0.513	0.504	0.472	0.499	0.492	0.497	0.496	2.76
48) T	Methyl methacr...	0.149	0.164	0.161	0.176	0.183	0.182	0.169	7.96
49) T	1,4-Dioxane	0.001	0.002	0.002	0.002	0.002	0.002	0.002	16.39
50) S	Toluene-d8	1.162	1.249	1.087	1.330	1.303	1.393	1.254	8.99
51) T	4-Methyl-2-Pen...	0.160	0.164	0.172	0.193	0.197	0.193	0.180	9.11
52) CM	Toluene	0.814	0.864	0.823	0.917	0.927	0.945	0.881	6.35#
53) T	t-1,3-Dichloro...	0.401	0.440	0.420	0.459	0.465	0.471	0.442	6.22
54) T	cis-1,3-Dichlo...	0.490	0.501	0.506	0.542	0.549	0.555	0.524	5.34
55) T	1,1,2-Trichlor...	0.256	0.276	0.250	0.267	0.262	0.263	0.262	3.41

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56)	T	Ethyl methacry...	0.240	0.278	0.277	0.330	0.350	0.353	0.305	15.13
57)	T	1,3-Dichloropr...	0.408	0.435	0.405	0.438	0.434	0.440	0.427	3.71
58)	T	2-Chloroethyl ...	0.101	0.101	0.100	0.123	0.129	0.138	0.115	14.69
59)	T	2-Hexanone	0.108	0.124	0.122	0.147	0.148	0.145	0.132	12.54
60)	T	Dibromochlorom...	0.317	0.348	0.320	0.349	0.343	0.349	0.338	4.51
61)	T	1,2-Dibromoethane	0.234	0.251	0.237	0.252	0.256	0.255	0.247	3.90
62)	S	4-Bromofluorob...	0.388	0.392	0.353	0.435	0.437	0.464	0.411	9.90
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.386	0.365	0.337	0.342	0.352	0.355	0.356	5.03
65)	PM	Chlorobenzene	1.138	1.102	1.024	1.070	1.095	1.116	1.091	3.65
66)	T	1,1,1,2-Tetrac...	0.367	0.397	0.363	0.378	0.384	0.389	0.380	3.37
67)	C	Ethyl Benzene	1.740	1.714	1.693	1.866	1.965	2.002	1.830	7.30#
68)	T	m/p-Xylenes	0.647	0.688	0.683	0.727	0.766	0.780	0.715	7.23
69)	T	o-Xylene	0.542	0.595	0.604	0.670	0.720	0.726	0.643	11.54
70)	T	Styrene	0.969	1.068	1.105	1.212	1.259	1.271	1.148	10.46
71)	P	Bromoform	0.240	0.222	0.215	0.223	0.222	0.221	0.224	3.75
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.045	3.093	2.974	3.271	3.463	3.501	3.224	6.90
74)	T	N-amyl acetate	0.679	0.660	0.648	0.750	0.771	0.754	0.710	7.61
75)	P	1,1,2,2-Tetrac...	0.661	0.656	0.585	0.608	0.612	0.597	0.620	5.10
76)	T	1,2,3-Trichlor...	0.548	0.496	0.395	0.410	0.413	0.388	0.442	14.75
77)	T	Bromobenzene	0.854	0.824	0.783	0.835	0.856	0.876	0.838	3.88
78)	T	n-propylbenzene	3.874	3.732	3.722	4.072	4.230	4.280	3.985	6.15
79)	T	2-Chlorotoluene	2.309	2.236	2.217	2.362	2.439	2.459	2.337	4.33
80)	T	1,3,5-Trimethy...	2.555	2.511	2.588	2.815	2.940	2.965	2.729	7.42
81)	T	trans-1,4-Dich...	0.212	0.201	0.205	0.220	0.230	0.225	0.216	5.33
82)	T	4-Chlorotoluene	2.441	2.455	2.402	2.512	2.577	2.602	2.498	3.18
83)	T	tert-Butylbenzene	2.251	2.160	2.153	2.406	2.567	2.643	2.363	8.87
84)	T	1,2,4-Trimethy...	2.386	2.581	2.594	2.859	2.991	3.038	2.741	9.47
85)	T	sec-Butylbenzene	3.292	3.272	3.268	3.539	3.782	3.809	3.494	7.30
86)	T	p-Isopropyltol...	2.680	2.706	2.741	3.027	3.244	3.320	2.953	9.64
87)	T	1,3-Dichlorobe...	1.711	1.653	1.627	1.688	1.735	1.768	1.697	3.07
88)	T	1,4-Dichlorobe...	1.809	1.769	1.608	1.661	1.692	1.686	1.704	4.30
89)	T	n-Butylbenzene	2.655	2.637	2.476	2.817	3.021	3.063	2.778	8.33
90)	T	Hexachloroethane	0.678	0.648	0.592	0.608	0.633	0.640	0.633	4.82
91)	T	1,2-Dichlorobe...	1.500	1.502	1.408	1.473	1.502	1.494	1.480	2.50
92)	T	1,2-Dibromo-3-...	0.083	0.109	0.090	0.091	0.096	0.093	0.094	8.95
93)	T	1,2,4-Trichlor...	0.913	0.860	0.855	0.923	1.001	1.014	0.928	7.28
94)	T	Hexachlorobuta...	0.518	0.493	0.438	0.494	0.535	0.532	0.501	7.17
95)	T	Naphthalene	1.385	1.412	1.404	1.623	1.790	1.842	1.576	13.04
96)	T	1,2,3-Trichlor...	0.766	0.782	0.751	0.825	0.873	0.891	0.815	7.13

(#) = Out of Range

Bromomethane

Response Ratio



$R = -2.356e-002 A^2 + 3.699e-001 A + 4.236e-003$
 Coef of Det (r^2) = 0.991976 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA D\Method\82D111524S.M
 Calibration Table Last Updated: Fri Nov 15 16:25:47 2024