

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N062724W.M
 Title : SW846 8260
 Last Update : Fri Jun 28 06:02:21 2024
 Response Via : Initial Calibration

Calibration Files

1 =VN082737.D 5 =VN082736.D 10 =VN082735.D 20 =VN082734.D 50 =VN082733.D 100 =VN082732.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.764	0.722	0.872	0.722	0.805	0.695	0.763	8.64
3) P	Chloromethane	0.991	0.795	0.836	0.766	0.735	0.671	0.799	13.71
4) C	Vinyl Chloride	0.798	0.872	0.909	0.841	0.834	0.824	0.847	4.61#
5) T	Bromomethane		0.701	0.659	0.571	0.569	0.511	0.602	12.68
6) T	Chloroethane	0.600	0.605	0.592	0.599	0.578	0.609	0.597	1.81
7) T	Trichlorofluor...	1.094	1.108	1.012	1.091	1.035	0.956	1.049	5.64
8) T	Diethyl Ether	0.272	0.330	0.317	0.359	0.353	0.339	0.328	9.64
9) T	1,1,2-Trichlor...	0.600	0.613	0.575	0.641	0.596	0.567	0.599	4.46
10) T	Methyl Iodide		0.490	0.475	0.552	0.608	0.620	0.549	12.07
11) T	Tert butyl alc...		0.127	0.116	0.131	0.123	0.118	0.123	4.81
12) CM	1,1-Dichloroet...	0.568	0.568	0.514	0.595	0.569	0.536	0.558	5.15#
13) T	Acrolein	0.056	0.066	0.074	0.085	0.086	0.084	0.075	16.38
14) T	Allyl chloride	0.895	0.889	0.714	0.887	0.845	0.804	0.839	8.37
15) T	Acrylonitrile	0.329	0.333	0.293	0.346	0.335	0.329	0.328	5.44
16) T	Acetone	0.341	0.309	0.260	0.294	0.280	0.267	0.292	10.22
17) T	Carbon Disulfide	2.329	1.846	1.659	1.757	1.738	1.644	1.829	13.97
18) T	Methyl Acetate	0.850	0.822	0.715	0.800	0.748	0.725	0.777	7.13
19) T	Methyl tert-bu...	1.794	1.805	1.664	1.972	1.935	1.938	1.852	6.37
20) T	Methylene Chlo...	0.981	0.762	0.690	0.709	0.658	0.635	0.739	17.10
21) T	trans-1,2-Dich...	0.599	0.609	0.565	0.629	0.604	0.609	0.603	3.47
22) T	Diisopropyl ether	1.567	1.944	1.870	2.151	2.072	2.109	1.952	11.07
23) T	Vinyl Acetate	1.331	1.417	1.541	1.676	1.672	1.715	1.559	10.07
24) P	1,1-Dichloroet...	1.108	1.254	1.129	1.260	1.179	1.180	1.185	5.28
25) T	2-Butanone	0.431	0.437	0.448	0.458	0.452	0.452	0.446	2.35
26) T	2,2-Dichloropr...	0.723	0.738	0.739	0.776	0.777	0.809	0.760	4.25
27) T	cis-1,2-Dichlo...	0.664	0.702	0.712	0.728	0.724	0.725	0.709	3.42
28) T	Bromochloromet...	0.608	0.616	0.458	0.503	0.458	0.466	0.518	14.42
29) T	Tetrahydrofuran	0.256	0.272	0.284	0.306	0.302	0.306	0.288	7.23
30) C	Chloroform	1.323	1.257	1.243	1.288	1.222	1.247	1.263	2.89#
31) T	Cyclohexane		1.172	1.115	1.068	1.034	1.043	1.086	5.28
32) T	1,1,1-Trichlor...	1.108	1.118	1.120	1.157	1.088	1.102	1.115	2.09
33) S	1,2-Dichloroet...		0.855	0.690	0.783	0.746	0.781	0.771	7.83
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.350	0.291	0.334	0.324	0.346	0.329	7.14
36) T	1,1-Dichloropr...	0.400	0.480	0.460	0.490	0.497	0.512	0.473	8.43
37) T	Ethyl Acetate	0.472	0.486	0.495	0.533	0.540	0.542	0.511	5.98
38) T	Carbon Tetrach...	0.556	0.549	0.535	0.568	0.548	0.565	0.553	2.19
39) T	Methylcyclohexane	0.430	0.442	0.465	0.508	0.531	0.572	0.491	11.27
40) TM	Benzene	1.578	1.492	1.513	1.562	1.560	1.609	1.552	2.75
41) T	Methacrylonitrile	0.229	0.258	0.268	0.265	0.276	0.286	0.264	7.39
42) TM	1,2-Dichloroet...	0.600	0.538	0.552	0.568	0.537	0.549	0.557	4.24
43) T	Isopropyl Acetate	1.524	0.955	0.875	0.893	0.894	0.921	1.010	25.06
44) TM	Trichloroethene	0.396	0.349	0.349	0.357	0.354	0.357	0.360	4.91
45) C	1,2-Dichloropr...	0.355	0.379	0.378	0.378	0.380	0.387	0.376	2.96#
46) T	Dibromomethane	0.256	0.279	0.270	0.284	0.271	0.287	0.275	4.16
47) T	Bromodichlorom...	0.512	0.561	0.559	0.579	0.567	0.583	0.560	4.53
48) T	Methyl methacr...	0.370	0.381	0.370	0.404	0.409	0.427	0.394	5.95
49) T	1,4-Dioxane	0.006	0.007	0.008	0.008	0.009	0.009	0.008	14.72
50) S	Toluene-d8		1.287	1.040	1.198	1.235	1.395	1.231	10.59
51) T	4-Methyl-2-Pen...	0.438	0.499	0.506	0.549	0.557	0.590	0.523	10.23
52) CM	Toluene	0.759	0.871	0.870	0.942	0.969	1.059	0.911	11.25#
53) T	t-1,3-Dichloro...	0.477	0.489	0.494	0.545	0.562	0.612	0.530	9.90
54) T	cis-1,3-Dichlo...	0.481	0.529	0.552	0.575	0.584	0.621	0.557	8.72
55) T	1,1,2-Trichlor...	0.303	0.357	0.355	0.367	0.359	0.380	0.353	7.46
56) T	Ethyl methacry...	0.424	0.450	0.507	0.549	0.604	0.656	0.532	16.77

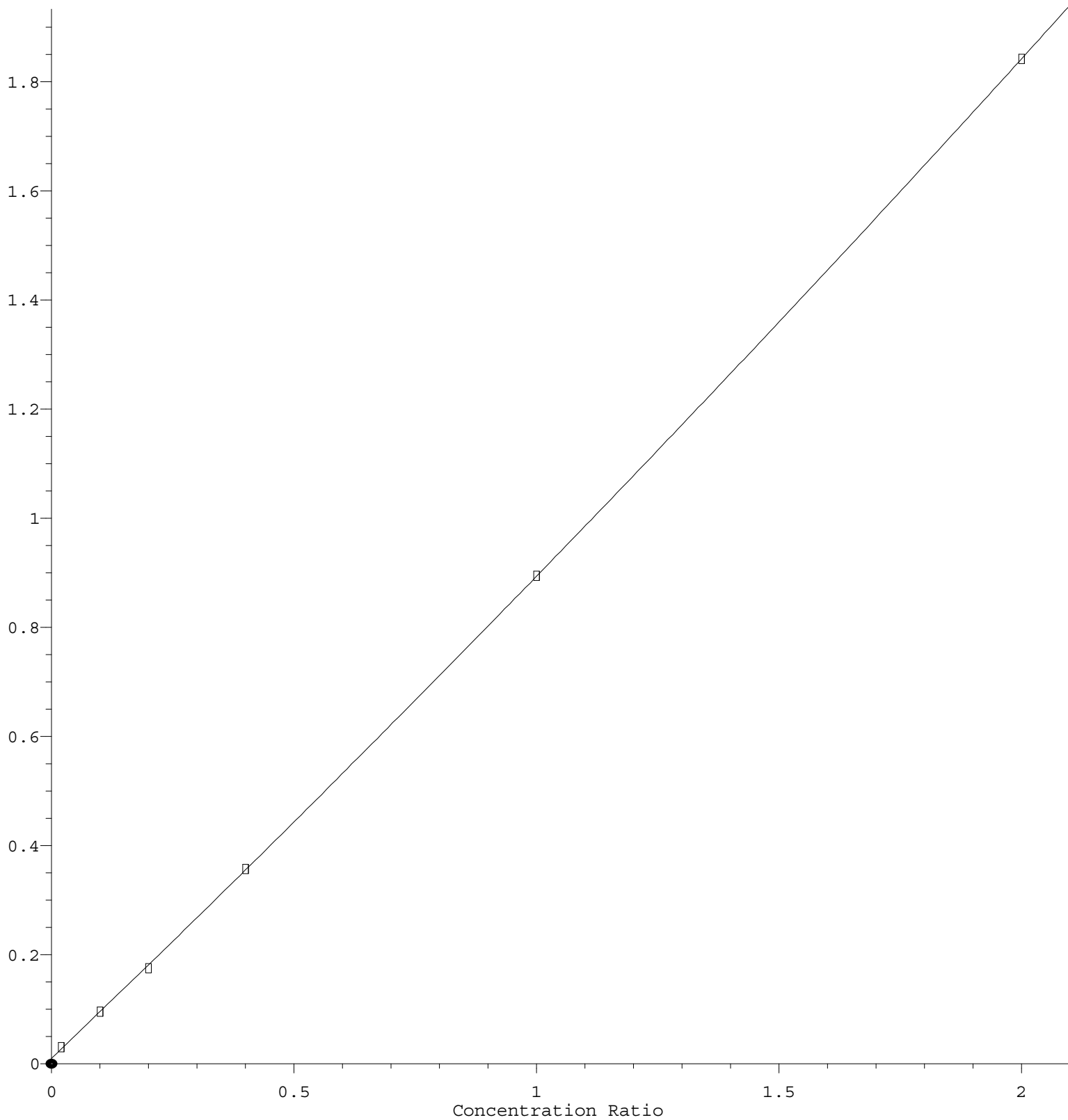
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57)	T	1,3-Dichloropr...	0.581	0.602	0.606	0.638	0.634	0.668	0.621	5.04
58)	T	2-Chloroethyl ...	0.218	0.257	0.252	0.279	0.289	0.311	0.268	12.19
59)	T	2-Hexanone	0.310	0.356	0.377	0.411	0.422	0.451	0.388	13.04
60)	T	Dibromochlorom...	0.396	0.406	0.416	0.448	0.441	0.466	0.429	6.30
61)	T	1,2-Dibromoethane	0.359	0.369	0.351	0.382	0.376	0.391	0.371	3.97
62)	S	4-Bromofluorob...	0.419	0.330	0.415	0.435	0.515	0.423		15.56
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.371	0.374	0.378	0.374	0.377	0.372	0.375	0.73
65)	PM	Chlorobenzene	1.100	1.100	1.091	1.150	1.132	1.157	1.122	2.54
66)	T	1,1,1,2-Tetrac...	0.367	0.389	0.375	0.398	0.402	0.407	0.390	4.07
67)	C	Ethyl Benzene	1.696	1.693	1.743	1.884	1.998	2.093	1.851	9.11#
68)	T	m/p-Xylenes	0.501	0.601	0.677	0.750	0.786	0.818	0.689	17.52
69)	T	o-Xylene	0.571	0.608	0.594	0.688	0.739	0.782	0.664	12.90
70)	T	Styrene	0.910	0.927	1.036	1.202	1.299	1.387	1.127	17.64
71)	P	Bromoform	0.277	0.302	0.277	0.310	0.328	0.336	0.305	8.17
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.364	3.394	3.668	3.852	3.761	3.841	3.647	5.97
74)	T	N-amyl acetate	1.491	1.529	1.619	1.730	1.699	1.698	1.628	6.07
75)	P	1,1,2,2-Tetrac...	1.511	1.378	1.277	1.279	1.136	1.096	1.279	11.98
76)	T	1,2,3-Trichlor...	1.212	1.206	1.148	1.162	0.914	0.902	1.091	13.17
77)	T	Bromobenzene	0.819	0.925	0.922	0.958	0.913	0.901	0.906	5.14
78)	T	n-propylbenzene	3.896	4.053	4.161	4.610	4.510	4.604	4.306	7.17
79)	T	2-Chlorotoluene	2.664	2.543	2.704	2.862	2.690	2.727	2.698	3.81
80)	T	1,3,5-Trimethy...	2.711	2.678	2.919	3.247	3.172	3.246	2.996	8.77
81)	T	trans-1,4-Dich...	0.369	0.374	0.428	0.480	0.440	0.418		11.15
82)	T	4-Chlorotoluene	2.515	2.480	2.630	2.832	2.723	2.798	2.663	5.49
83)	T	tert-Butylbenzene	2.250	2.257	2.451	2.768	2.659	2.741	2.521	9.33
84)	T	1,2,4-Trimethy...	2.244	2.672	2.934	3.346	3.234	3.336	2.961	14.82
85)	T	sec-Butylbenzene	2.842	3.300	3.395	3.895	3.832	3.929	3.532	12.19
86)	T	p-Isopropyltol...	2.232	2.446	2.727	3.142	3.108	3.325	2.830	15.28
87)	T	1,3-Dichlorobe...	1.803	1.692	1.705	1.775	1.673	1.763	1.735	3.00
88)	T	1,4-Dichlorobe...	2.042	1.803	1.721	1.843	1.701	1.727	1.806	7.08
89)	T	n-Butylbenzene	2.422	2.241	2.365	2.675	2.513	2.820	2.506	8.45
90)	T	Hexachloroethane	0.614	0.634	0.640	0.675	0.575	0.632	0.628	5.25
91)	T	1,2-Dichlorobe...	1.755	1.625	1.645	1.719	1.519	1.625	1.648	5.03
92)	T	1,2-Dibromo-3-...	0.211	0.266	0.259	0.254	0.220	0.235	0.241	9.35
93)	T	1,2,4-Trichlor...	0.822	0.730	0.786	0.824	0.825	0.841	0.805	5.10
94)	T	Hexachlorobuta...	0.437	0.339	0.368	0.371	0.342	0.326	0.364	10.98
95)	T	Naphthalene	2.324	2.272	2.493	2.872	2.968	3.105	2.672	13.27
96)	T	1,2,3-Trichlor...	0.901	0.827	0.813	0.869	0.857	0.882	0.858	3.86

(#) = Out of Range

Isopropyl Acetate

Response Ratio



$R = 3.249e-002 A^2 + 8.511e-001 A + 9.784e-003$
Coef of Det (r^2) = 0.999976 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N062724W.M
Calibration Table Last Updated: Fri Jun 28 06:02:21 2024