

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X052924W.M
 Title : SW846 8260
 Last Update : Thu May 30 07:36:24 2024
 Response Via : Initial Calibration

Calibration Files

1 =VX041662.D 5 =VX041663.D 20 =VX041664.D 50 =VX041665.D 100 =VX041666.D 150 =VX041667.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.415	0.477	0.415	0.449	0.445	0.435	0.439	5.34
3) P	Chloromethane	0.530	0.524	0.457	0.456	0.457	0.453	0.479	7.71
4) C	Vinyl Chloride	0.490	0.547	0.484	0.481	0.487	0.473	0.493	5.45#
5) T	Bromomethane		0.365	0.323	0.341	0.347	0.342	0.344	4.34
6) T	Chloroethane	0.389	0.342	0.294	0.263	0.260	0.242	0.298	18.95
7) T	Trichlorofluor...	0.802	0.886	0.805	0.777	0.757	0.809	0.806	5.47
8) T	Diethyl Ether	0.320	0.341	0.301	0.301	0.304	0.296	0.311	5.46
9) T	1,1,2-Trichlor...	0.441	0.501	0.452	0.446	0.452	0.448	0.457	4.80
10) T	Methyl Iodide		0.625	0.580	0.574	0.544	0.524	0.569	6.74
11) T	Tert butyl alc...		0.101	0.108	0.103	0.111	0.119	0.108	6.50
12) CM	1,1-Dichloroet...	0.437	0.473	0.430	0.439	0.451	0.445	0.446	3.37#
13) T	Acrolein		0.113	0.095	0.098	0.100	0.099	0.101	6.84
14) T	Allyl chloride	0.652	0.769	0.735	0.756	0.761	0.726	0.733	5.85
15) T	Acrylonitrile	0.243	0.288	0.269	0.265	0.267	0.264	0.266	5.32
16) T	Acetone	0.507	0.323	0.266	0.259	0.259	0.247	0.310	32.26
17) T	Carbon Disulfide	0.844	0.960	0.921	0.997	1.085	1.110	0.986	10.18
18) T	Methyl Acetate	0.604	0.614	0.581	0.577	0.577	0.560	0.586	3.37
19) T	Methyl tert-bu...	1.422	1.546	1.472	1.497	1.509	1.501	1.491	2.78
20) T	Methylene Chlo...	0.734	0.570	0.510	0.495	0.496	0.489	0.549	17.37
21) T	trans-1,2-Dich...	0.443	0.486	0.452	0.457	0.472	0.464	0.462	3.31
22) T	Diisopropyl ether	1.337	1.614	1.503	1.522	1.519	1.496	1.498	6.00
23) T	Vinyl Acetate	1.081	1.368	1.371	1.415	1.436	1.406	1.346	9.84
24) P	1,1-Dichloroet...	0.804	0.894	0.843	0.848	0.853	0.843	0.847	3.38
25) T	2-Butanone	0.339	0.404	0.391	0.388	0.390	0.376	0.381	5.91
26) T	2,2-Dichloropr...	0.635	0.706	0.682	0.690	0.732	0.726	0.695	5.06
27) T	cis-1,2-Dichlo...	0.503	0.581	0.551	0.551	0.569	0.562	0.553	4.89
28) T	Bromochloromet...	0.385	0.401	0.354	0.353	0.344	0.351	0.365	6.26
29) T	Tetrahydrofuran	0.216	0.258	0.242	0.242	0.245	0.239	0.240	5.65
30) C	Chloroform	0.818	0.953	0.896	0.890	0.898	0.883	0.890	4.87#
31) T	Cyclohexane		0.761	0.713	0.712	0.722	0.712	0.724	2.91
32) T	1,1,1-Trichlor...	0.690	0.802	0.774	0.788	0.818	0.806	0.780	5.95
33) S	1,2-Dichloroet...		0.743	0.555	0.601	0.586	0.580	0.613	12.15
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.397	0.316	0.339	0.340	0.337	0.346	8.71
36) T	1,1-Dichloropr...	0.405	0.437	0.413	0.412	0.424	0.420	0.419	2.69
37) T	Ethyl Acetate	0.493	0.582	0.530	0.530	0.518	0.516	0.528	5.63
38) T	Carbon Tetrach...	0.434	0.469	0.470	0.482	0.500	0.498	0.476	5.08
39) T	Methylcyclohexane	0.437	0.533	0.514	0.526	0.538	0.537	0.514	7.52
40) TM	Benzene	1.218	1.388	1.320	1.311	1.317	1.296	1.308	4.17
41) T	Methacrylonitrile	0.180	0.262	0.277	0.272	0.280	0.279	0.258	15.14
42) TM	1,2-Dichloroet...	0.443	0.534	0.493	0.492	0.488	0.480	0.488	5.96
43) T	Isopropyl Acetate	0.712	0.838	0.781	0.801	0.826	0.827	0.798	5.87
44) TM	Trichloroethene	0.324	0.370	0.352	0.358	0.366	0.365	0.356	4.70
45) C	1,2-Dichloropr...	0.260	0.330	0.318	0.317	0.322	0.319	0.311	8.17#
46) T	Dibromomethane	0.207	0.249	0.241	0.243	0.245	0.246	0.239	6.64
47) T	Bromodichlorom...	0.360	0.421	0.442	0.463	0.481	0.483	0.442	10.53
48) T	Methyl methacr...	0.303	0.376	0.394	0.402	0.414	0.410	0.383	10.84
49) T	1,4-Dioxane	0.006	0.009	0.009	0.008	0.009	0.009	0.008	11.76
50) S	Toluene-d8		1.310	1.121	1.215	1.202	1.191	1.208	5.59
51) T	4-Methyl-2-Pen...	0.443	0.541	0.539	0.535	0.531	0.514	0.517	7.25
52) CM	Toluene	0.709	0.870	0.845	0.850	0.860	0.848	0.830	7.25#
53) T	t-1,3-Dichloro...	0.282	0.414	0.431	0.465	0.504	0.513	0.435	19.43
54) T	cis-1,3-Dichlo...	0.356	0.459	0.484	0.512	0.536	0.539	0.481	14.30
55) T	1,1,2-Trichlor...	0.308	0.346	0.339	0.337	0.341	0.338	0.335	4.06
56) T	Ethyl methacry...	0.350	0.506	0.519	0.547	0.573	0.571	0.511	16.27

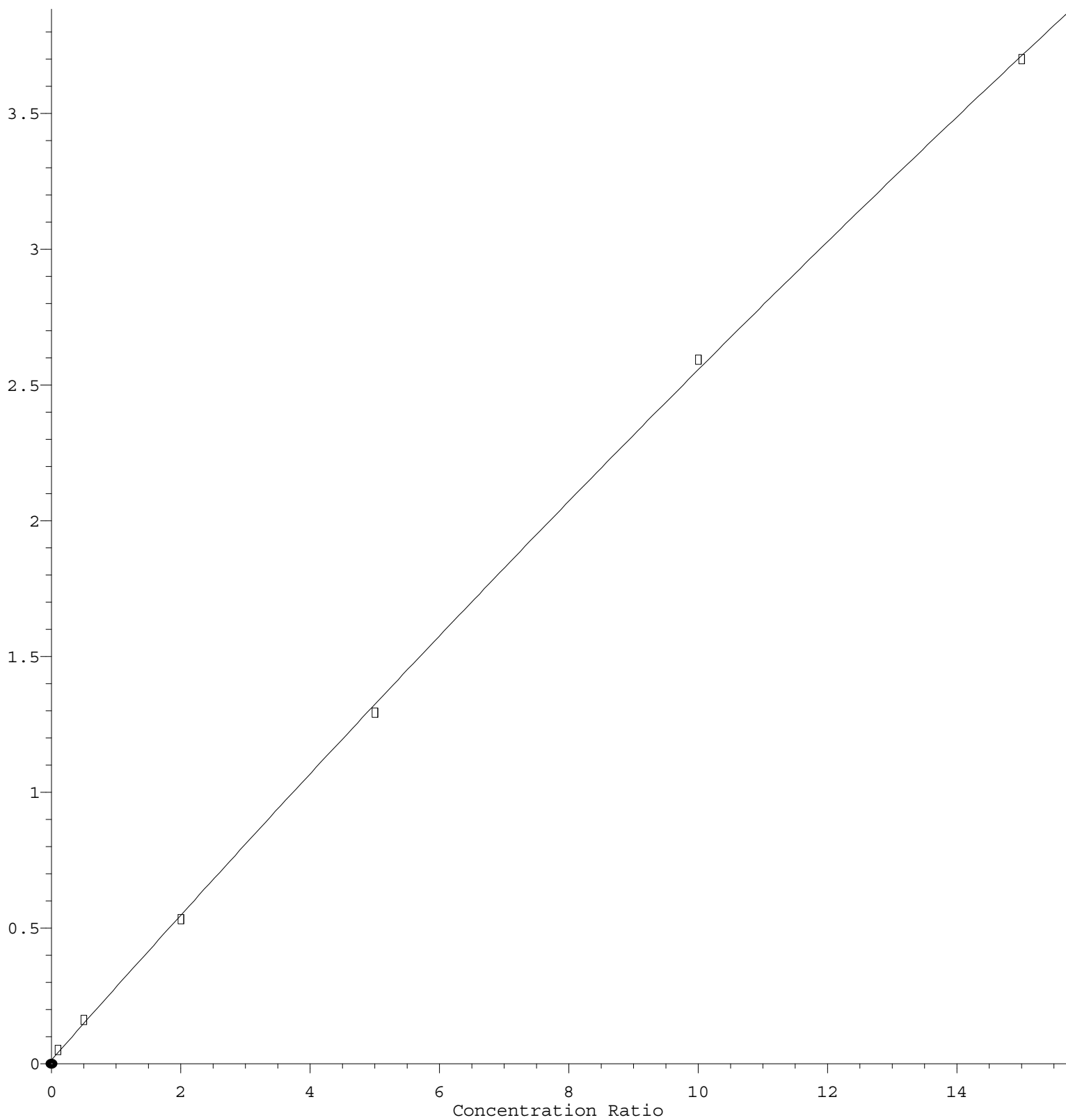
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
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57)	T	1,3-Dichloropr...	0.500	0.605	0.564	0.558	0.560	0.547	0.556	6.05
58)	T	2-Chloroethyl ...	0.185	0.247	0.250	0.256	0.251	0.254	0.241	11.30
59)	T	2-Hexanone	0.298	0.414	0.420	0.418	0.416	0.400	0.394	12.08
60)	T	Dibromochlorom...	0.282	0.343	0.369	0.396	0.417	0.420	0.371	14.16
61)	T	1,2-Dibromoethane	0.305	0.364	0.364	0.361	0.364	0.362	0.353	6.69
62)	S	4-Bromofluorob...		0.443	0.408	0.454	0.466	0.458	0.446	5.04
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.359	0.396	0.381	0.366	0.379	0.369	0.375	3.51
65)	PM	Chlorobenzene	1.040	1.133	1.068	1.058	1.084	1.056	1.073	3.06
66)	T	1,1,1,2-Tetrac...	0.328	0.373	0.371	0.376	0.394	0.392	0.372	6.36
67)	C	Ethyl Benzene	1.452	1.788	1.756	1.738	1.783	1.744	1.710	7.49#
68)	T	m/p-Xylenes	0.572	0.697	0.699	0.694	0.715	0.704	0.680	7.86
69)	T	o-Xylene	0.575	0.702	0.695	0.683	0.709	0.697	0.677	7.45
70)	T	Styrene	0.857	1.118	1.153	1.159	1.218	1.202	1.118	11.87
71)	P	Bromoform	0.238	0.290	0.316	0.340	0.380	0.382	0.324	17.16
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.669	3.364	3.232	3.129	3.129	3.085	3.102	7.56
74)	T	N-amyl acetate	1.046	1.395	1.394	1.450	1.477	1.480	1.374	12.00
75)	P	1,1,2,2-Tetrac...	1.145	1.213	1.099	1.068	1.051	1.029	1.101	6.21
76)	T	1,2,3-Trichlor...	0.872	0.919	0.900	0.868	0.852	0.824	0.872	3.87
77)	T	Bromobenzene	0.871	0.994	0.923	0.898	0.909	0.899	0.915	4.62
78)	T	n-propylbenzene	2.809	3.616	3.568	3.474	3.506	3.460	3.406	8.75
79)	T	2-Chlorotoluene	2.058	2.437	2.235	2.160	2.135	2.110	2.189	6.15
80)	T	1,3,5-Trimethy...	2.188	2.753	2.699	2.635	2.644	2.619	2.590	7.84
81)	T	trans-1,4-Dich...		0.262	0.286	0.331	0.361	0.361	0.320	14.02
82)	T	4-Chlorotoluene	2.195	2.659	2.588	2.500	2.512	2.489	2.490	6.37
83)	T	tert-Butylbenzene	2.427	2.977	2.825	2.799	2.848	2.861	2.789	6.74
84)	T	1,2,4-Trimethy...	2.130	2.827	2.763	2.696	2.691	2.635	2.624	9.56
85)	T	sec-Butylbenzene	2.607	3.397	3.301	3.284	3.325	3.274	3.198	9.15
86)	T	p-Isopropyltol...	2.205	2.894	2.914	2.912	2.963	2.940	2.805	10.50
87)	T	1,3-Dichlorobe...	1.537	1.744	1.646	1.617	1.640	1.625	1.635	4.07
88)	T	1,4-Dichlorobe...	1.657	1.827	1.669	1.646	1.661	1.652	1.685	4.14
89)	T	n-Butylbenzene	1.621	2.152	2.258	2.344	2.479	2.468	2.220	14.37
90)	T	Hexachloroethane	0.398	0.473	0.457	0.480	0.522	0.530	0.477	10.05
91)	T	1,2-Dichlorobe...	1.503	1.817	1.693	1.663	1.670	1.646	1.665	6.04
92)	T	1,2-Dibromo-3-...	0.157	0.221	0.229	0.234	0.244	0.248	0.222	15.11
93)	T	1,2,4-Trichlor...	0.869	1.086	1.081	1.128	1.193	1.228	1.098	11.50
94)	T	Hexachlorobuta...	0.496	0.589	0.540	0.535	0.549	0.554	0.544	5.55
95)	T	Naphthalene	2.416	3.190	3.274	3.442	3.529	3.583	3.239	13.27
96)	T	1,2,3-Trichlor...	0.883	1.136	1.144	1.166	1.209	1.240	1.130	11.27

(#) = Out of Range

Acetone

Response Ratio



$R = -1.531e-003 A^2 + 2.695e-001 A + 1.447e-002$
Coef of Det (r^2) = 0.999729 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X052924W.M
Calibration Table Last Updated: Thu May 30 07:36:24 2024