

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X091523W.M
 Title : SW846 8260
 Last Update : Sat Sep 16 04:55:44 2023
 Response Via : Initial Calibration

Calibration Files

1 =VX037743.D 5 =VX037744.D 20 =VX037745.D 50 =VX037746.D 100 =VX037747.D 150 =VX037748.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.576	0.553	0.538	0.518	0.501	0.477	0.527	6.82
3) P	Chloromethane	0.691	0.616	0.581	0.530	0.512	0.510	0.573	12.39
4) C	Vinyl Chloride	0.731	0.658	0.631	0.608	0.562	0.522	0.619	11.90#
5) T	Bromomethane		0.504	0.500	0.446	0.393	0.371	0.443	13.60
6) T	Chloroethane	0.472	0.483	0.416	0.409	0.351		0.426	12.52
7) T	Trichlorofluor...	1.156	1.041	1.034	1.001	0.918	0.817	0.995	11.66
8) T	Diethyl Ether	0.433	0.391	0.389	0.372	0.346	0.382	0.385	7.36
9) T	1,1,2-Trichlor...	0.556	0.537	0.493	0.502	0.473	0.467	0.505	7.05
10) T	Methyl Iodide		0.646	0.693	0.692	0.649	0.660	0.668	3.50
11) T	Tert butyl alc...		0.155	0.147	0.136	0.127	0.140	0.141	7.37
12) CM	1,1-Dichloroet...	0.525	0.505	0.499	0.488	0.454	0.457	0.488	5.72#
13) T	Acrolein		0.156	0.138	0.135	0.130	0.137	0.139	7.03
14) T	Allyl chloride	0.937	0.792	0.799	0.801	0.760	0.786	0.812	7.71
15) T	Acrylonitrile	0.325	0.325	0.319	0.312	0.290	0.310	0.314	4.14
16) T	Acetone	0.387	0.313	0.326	0.289	0.278	0.302	0.316	12.22
17) T	Carbon Disulfide	1.359	1.194	1.188	1.219	1.194	1.184	1.223	5.53
18) T	Methyl Acetate	1.264	1.154	1.142	1.115	1.043	1.122	1.140	6.32
19) T	Methyl tert-bu...	1.889	1.788	1.806	1.758	1.676	1.848	1.794	4.12
20) T	Methylene Chlo...	0.852	0.647	0.610	0.579	0.560	0.595	0.641	16.83
21) T	trans-1,2-Dich...	0.555	0.561	0.550	0.542	0.514	0.528	0.542	3.27
22) T	Diisopropyl ether	1.728	1.723	1.700	1.686	1.594	1.724	1.692	3.01
23) T	Vinyl Acetate	1.218	1.203	1.269	1.270	1.202	1.306	1.245	3.44
24) P	1,1-Dichloroet...	1.137	1.026	1.013	0.993	0.932	0.984	1.014	6.73
25) T	2-Butanone	0.491	0.446	0.451	0.437	0.411	0.439	0.446	5.90
26) T	2,2-Dichloropr...	0.871	0.798	0.799	0.806	0.799	0.843	0.819	3.75
27) T	cis-1,2-Dichlo...	0.698	0.677	0.657	0.661	0.624	0.667	0.664	3.73
28) T	Bromochloromet...	0.561	0.513	0.430	0.451	0.431	0.452	0.473	11.16
29) T	Tetrahydrofuran	0.293	0.278	0.283	0.276	0.256	0.277	0.277	4.38
30) C	Chloroform	1.162	1.130	1.081	1.080	1.020	1.082	1.092	4.47#
31) T	Cyclohexane		0.911	0.864	0.860	0.801	0.780	0.843	6.26
32) T	1,1,1-Trichlor...	0.954	0.908	0.949	0.948	0.887	0.905	0.925	3.08
33) S	1,2-Dichloroet...		0.740	0.578	0.656	0.637	0.674	0.657	8.95
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.359	0.283	0.338	0.344	0.348	0.335	8.84
36) T	1,1-Dichloropr...	0.514	0.446	0.463	0.460	0.449	0.433	0.461	6.18
37) T	Ethyl Acetate	0.523	0.503	0.510	0.505	0.486	0.513	0.507	2.47
38) T	Carbon Tetrach...	0.493	0.472	0.483	0.493	0.484	0.468	0.482	2.15
39) T	Methylcyclohexane	0.629	0.587	0.572	0.589	0.589	0.545	0.585	4.66
40) TM	Benzene	1.509	1.437	1.417	1.408	1.362	1.370	1.417	3.74
41) T	Methacrylonitrile	0.260	0.257	0.250	0.257	0.251	0.275	0.258	3.44
42) TM	1,2-Dichloroet...	0.543	0.527	0.513	0.501	0.485	0.504	0.512	3.94
43) T	Isopropyl Acetate	0.806	0.768	0.800	0.822	0.811	0.854	0.810	3.44
44) TM	Trichloroethene	0.489	0.394	0.371	0.376	0.370	0.368	0.395	11.98
45) C	1,2-Dichloropr...	0.389	0.376	0.365	0.361	0.352	0.364	0.368	3.55#
46) T	Dibromomethane	0.254	0.261	0.267	0.266	0.266	0.275	0.265	2.68
47) T	Bromodichlorom...	0.472	0.454	0.480	0.502	0.497	0.520	0.488	4.86
48) T	Methyl methacr...	0.391	0.361	0.387	0.394	0.390	0.401	0.387	3.56
49) T	1,4-Dioxane	0.011	0.011	0.011	0.010	0.009	0.009	0.010	7.66
50) S	Toluene-d8		1.325	1.079	1.271	1.280	1.261	1.243	7.64
51) T	4-Methyl-2-Pen...	0.527	0.521	0.531	0.518	0.495	0.492	0.514	3.22
52) CM	Toluene	0.919	0.918	0.917	0.927	0.899	0.901	0.913	1.21#
53) T	t-1,3-Dichloro...	0.415	0.433	0.505	0.542	0.568	0.596	0.510	14.35
54) T	cis-1,3-Dichlo...	0.512	0.499	0.563	0.585	0.598	0.629	0.564	8.95
55) T	1,1,2-Trichlor...	0.390	0.374	0.388	0.389	0.382	0.388	0.385	1.58
56) T	Ethyl methacry...	0.519	0.544	0.570	0.593	0.607	0.616	0.575	6.59

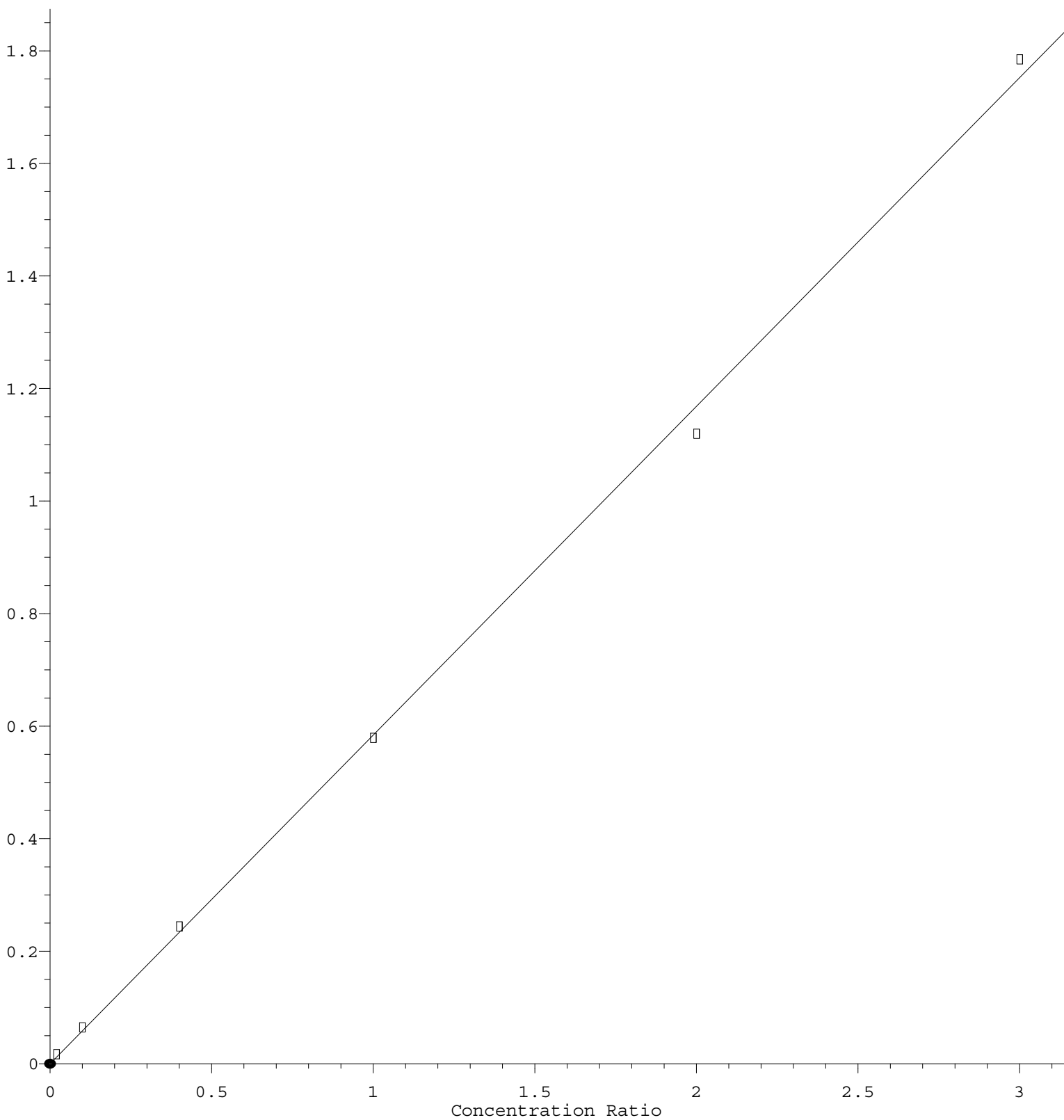
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X091523W.M

57)	T	1,3-Dichloropr...	0.635	0.627	0.623	0.620	0.607	0.626	0.623	1.50
58)	T	2-Chloroethyl ...	0.257	0.262	0.257	0.265	0.267	0.304	0.268	6.58
59)	T	2-Hexanone	0.396	0.401	0.418	0.402	0.389	0.394	0.400	2.51
60)	T	Dibromochlorom...	0.331	0.336	0.377	0.406	0.418	0.434	0.384	11.27
61)	T	1,2-Dibromoethane	0.373	0.396	0.414	0.418	0.417	0.428	0.408	4.92
62)	S	4-Bromofluorob...	0.437	0.389	0.457	0.495	0.480	0.452		9.13
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.383	0.351	0.339	0.330	0.326	0.317	0.341	6.86
65)	PM	Chlorobenzene	1.236	1.073	1.051	1.046	1.033	1.031	1.079	7.31
66)	T	1,1,1,2-Tetrac...	0.367	0.362	0.380	0.395	0.391	0.399	0.382	4.07
67)	C	Ethyl Benzene	1.961	1.879	1.885	1.872	1.834	1.788	1.870	3.08#
68)	T	m/p-Xylenes	0.720	0.723	0.736	0.731	0.722	0.703	0.723	1.55
69)	T	o-Xylene	0.753	0.718	0.724	0.728	0.722	0.703	0.725	2.25
70)	T	Styrene	1.097	1.111	1.171	1.202	1.212	1.186	1.163	4.15
71)	P	Bromoform	0.250	0.258	0.295	0.319	0.336	0.355	0.302	13.93
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.961	3.803	3.757	3.784	3.491	3.213	3.668	7.35
74)	T	N-ethyl acetate	1.451	1.431	1.528	1.558	1.447	1.499	1.486	3.42
75)	P	1,1,2,2-Tetrac...	1.412	1.351	1.319	1.277	1.177	1.205	1.290	6.89
76)	T	1,2,3-Trichlor...	1.269	1.169	1.178	1.179	1.072	1.072	1.156	6.48
77)	T	Bromobenzene	1.013	0.892	0.908	0.916	0.864	0.855	0.908	6.25
78)	T	n-propylbenzene	4.218	4.182	4.223	4.378	4.118	3.737	4.143	5.22
79)	T	2-Chlorotoluene	2.807	2.643	2.584	2.590	2.419	2.284	2.554	7.12
80)	T	1,3,5-Trimethy...	3.133	3.159	3.212	3.236	3.026	2.820	3.098	4.99
81)	T	trans-1,4-Dich...	0.283	0.329	0.386	0.390	0.416	0.361		14.97
82)	T	4-Chlorotoluene	2.959	2.883	2.925	2.964	2.831	2.692	2.876	3.58
83)	T	tert-Butylbenzene	3.372	3.150	3.158	3.274	2.988	2.844	3.131	6.10
84)	T	1,2,4-Trimethy...	3.067	3.130	3.208	3.207	3.032	2.849	3.082	4.37
85)	T	sec-Butylbenzene	3.885	3.854	3.913	4.007	3.757	3.374	3.798	5.88
86)	T	p-Isopropyltol...	3.184	3.138	3.233	3.323	3.194	2.916	3.165	4.32
87)	T	1,3-Dichlorobe...	1.850	1.663	1.696	1.686	1.635	1.626	1.692	4.83
88)	T	1,4-Dichlorobe...	1.996	1.724	1.680	1.678	1.654	1.659	1.732	7.60
89)	T	n-Butylbenzene	2.647	2.605	2.756	2.948	2.961	2.717	2.772	5.44
90)	T	Hexachloroethane	0.502	0.486	0.532	0.572	0.572	0.553	0.536	6.73
91)	T	1,2-Dichlorobe...	1.933	1.739	1.740	1.688	1.627	1.642	1.728	6.42
92)	T	1,2-Dibromo-3-...	0.236	0.241	0.264	0.270	0.258	0.273	0.257	5.93
93)	T	1,2,4-Trichlor...	0.942	0.912	1.018	1.041	1.086	1.108	1.018	7.62
94)	T	Hexachlorobuta...	0.498	0.450	0.477	0.485	0.495	0.447	0.475	4.63
95)	T	Naphthalene	3.205	3.257	3.517	3.598	3.510	3.567	3.442	4.88
96)	T	1,2,3-Trichlor...	1.005	0.977	1.048	1.060	1.090	1.105	1.047	4.69

(#) = Out of Range

Methylene Chloride

Response Ratio



$$\text{Response} = 5.840\text{e-}001 * \text{Amt} + 2.950\text{e-}004$$

Coef of Det (r^2) = 0.998492 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X091523W.M

Calibration Table Last Updated: Sat Sep 16 04:55:44 2023