

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X120722W.M
 Title : SW846 8260
 Last Update : Wed Dec 07 12:43:54 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX033273.D 5 =VX033274.D 20 =VX033275.D 50 =VX033276.D 100 =VX033277.D 150 =VX033278.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.364	0.350	0.392	0.327	0.345	0.317	0.349	7.67
3) P	Chloromethane	0.420	0.419	0.448	0.364	0.366	0.407	0.404	8.20
4) C	Vinyl Chloride	0.507	0.456	0.514	0.427	0.429	0.434	0.461	8.63#
5) T	Bromomethane		0.353	0.364	0.300	0.312	0.362	0.338	8.92
6) T	Chloroethane	0.388	0.385	0.392	0.338	0.298	0.299	0.350	12.69
7) T	Trichlorofluor...	0.980	0.897	0.981	0.815	0.789	0.732	0.866	11.96
8) T	Diethyl Ether	0.312	0.324	0.344	0.275	0.277	0.344	0.313	9.93
9) T	1,1,2-Trichlor...	0.441	0.476	0.535	0.445	0.448	0.410	0.459	9.26
10) T	Methyl Iodide		0.388	0.559	0.490	0.510	0.568	0.503	14.38
11) T	Tert butyl alc...		0.102	0.100	0.080	0.093	0.115	0.098	13.13
12) CM	1,1-Dichloroet...	0.442	0.467	0.505	0.422	0.439	0.445	0.453	6.43#
13) T	Acrolein		0.115	0.083	0.101	0.102	0.131	0.106	16.64
14) T	Allyl chloride	0.678	0.697	0.798	0.684	0.702	0.785	0.724	7.35
15) T	Acrylonitrile	0.211	0.232	0.267	0.226	0.233	0.288	0.243	11.90
16) T	Acetone	0.262	0.248	0.265	0.205	0.201	0.243	0.237	11.72
17) T	Carbon Disulfide	1.190	1.130	1.287	1.098	1.126	1.149	1.163	5.83
18) T	Methyl Acetate	0.608	0.627	0.763	0.643	0.659	0.822	0.687	12.46
19) T	Methyl tert-bu...	1.313	1.502	1.711	1.477	1.529	1.889	1.570	12.81
20) T	Methylene Chlo...	0.568	0.516	0.566	0.470	0.477	0.579	0.529	9.13
21) T	trans-1,2-Dich...	0.441	0.498	0.548	0.470	0.487	0.532	0.496	7.95
22) T	Diisopropyl ether	1.317	1.488	1.743	1.509	1.499	1.750	1.551	10.78
23) T	Vinyl Acetate	0.992	1.093	1.333	1.173	1.191	1.440	1.204	13.43
24) P	1,1-Dichloroet...	0.880	0.899	1.006	0.844	0.851	0.987	0.911	7.61
25) T	2-Butanone	0.297	0.333	0.386	0.323	0.321	0.384	0.341	10.70
26) T	2,2-Dichloropr...	0.602	0.648	0.744	0.648	0.666	0.713	0.670	7.60
27) T	cis-1,2-Dichlo...	0.544	0.560	0.647	0.561	0.577	0.667	0.593	8.66
28) T	Bromochloromet...	0.378	0.376	0.407	0.373	0.345	0.409	0.381	6.22
29) T	Tetrahydrofuran	0.189	0.213	0.246	0.210	0.212	0.253	0.221	11.04
30) C	Chloroform	0.935	0.991	1.128	0.958	0.962	1.095	1.012	7.92#
31) T	Cyclohexane		0.756	0.876	0.743	0.761	0.676	0.762	9.49
32) T	1,1,1-Trichlor...	0.768	0.851	0.990	0.850	0.867	0.896	0.870	8.29
33) S	1,2-Dichloroet...		0.378	0.324	0.288	0.279	0.336	0.321	12.37
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.251	0.234	0.204	0.210	0.226	0.225	8.43
36) T	1,1-Dichloropr...	0.439	0.420	0.500	0.422	0.450	0.400	0.438	7.88
37) T	Ethyl Acetate	0.356	0.384	0.479	0.397	0.418	0.454	0.414	10.98
38) T	Carbon Tetrach...	0.477	0.481	0.566	0.478	0.500	0.445	0.491	8.28
39) T	Methylcyclohexane	0.487	0.478	0.574	0.490	0.528	0.388	0.491	12.57
40) TM	Benzene	1.179	1.249	1.464	1.214	1.280	1.285	1.278	7.77
41) T	Methacrylonitrile	0.185	0.209	0.268	0.225	0.232	0.252	0.228	12.95
42) TM	1,2-Dichloroet...	0.475	0.503	0.586	0.477	0.488	0.516	0.508	8.14
43) T	Isopropyl Acetate	0.561	0.604	0.751	0.641	0.685	0.759	0.667	11.95
44) TM	Trichloroethene	0.321	0.337	0.410	0.338	0.361	0.348	0.352	8.82
45) C	1,2-Dichloropr...	0.300	0.319	0.371	0.309	0.324	0.338	0.327	7.74#
46) T	Dibromomethane	0.226	0.246	0.281	0.233	0.243	0.265	0.249	8.17
47) T	Bromodichlorom...	0.428	0.448	0.562	0.468	0.491	0.515	0.485	9.99
48) T	Methyl methacr...	0.310	0.309	0.386	0.331	0.350	0.378	0.344	9.61
49) T	1,4-Dioxane	0.007	0.007	0.009	0.007	0.008	0.009	0.008	12.08
50) S	Toluene-d8		0.503	0.488	0.444	0.454	0.463	0.470	5.19
51) T	4-Methyl-2-Pen...	0.356	0.404	0.499	0.413	0.417	0.443	0.422	11.22
52) CM	Toluene	0.715	0.786	0.970	0.814	0.845	0.829	0.827	10.14#
53) T	t-1,3-Dichloro...	0.386	0.390	0.526	0.467	0.512	0.555	0.473	15.14
54) T	cis-1,3-Dichlo...	0.419	0.456	0.580	0.510	0.549	0.587	0.517	13.19
55) T	1,1,2-Trichlor...	0.322	0.322	0.387	0.333	0.350	0.369	0.347	7.63
56) T	Ethyl methacry...	0.381	0.430	0.560	0.489	0.519	0.557	0.489	14.65

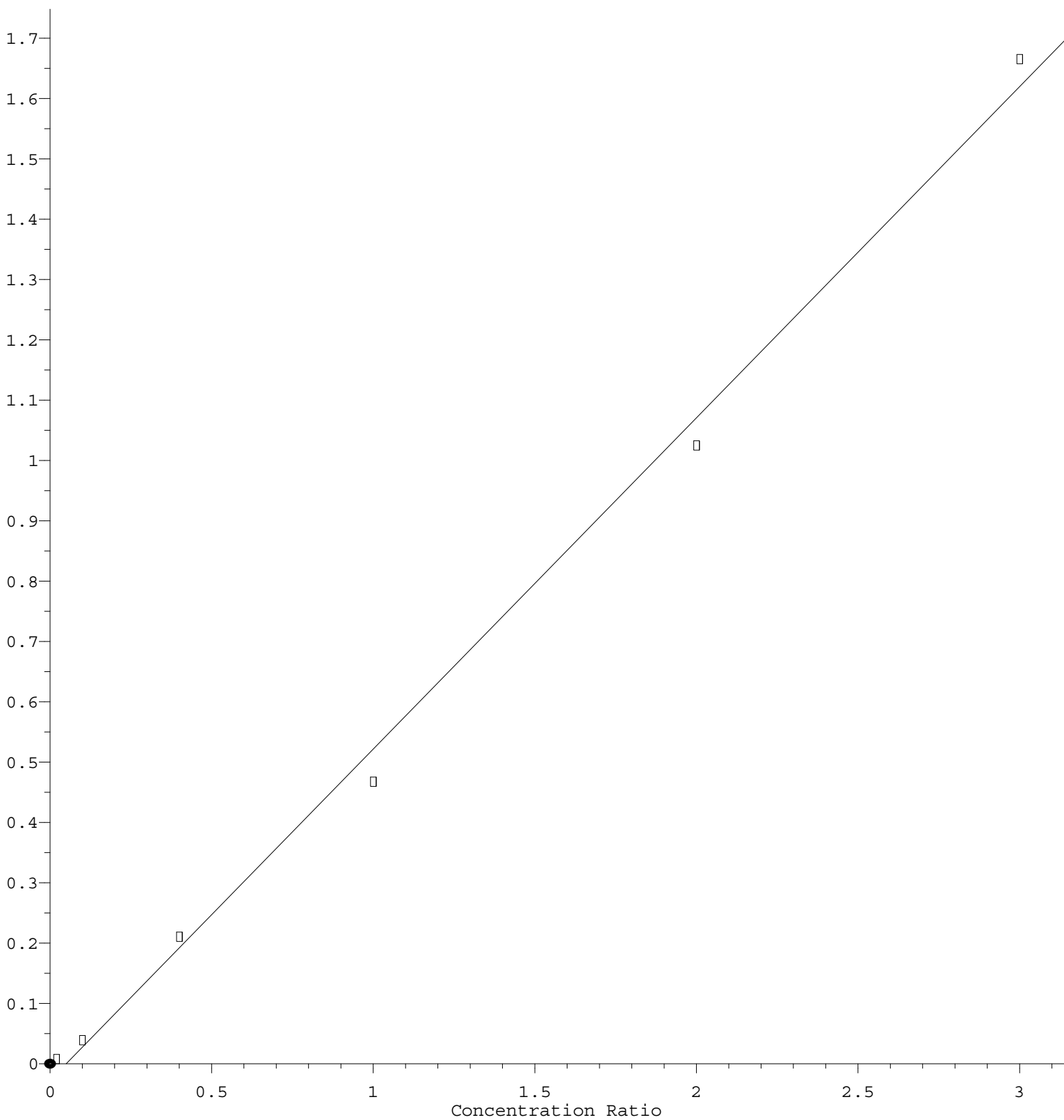
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57)	T	1,3-Dichloropr...	0.481	0.540	0.638	0.535	0.559	0.596	0.558	9.66
58)	T	2-Chloroethyl ...	0.196	0.211	0.218	0.224	0.236	0.258	0.224	9.57
59)	T	2-Hexanone	0.263	0.291	0.375	0.306	0.305	0.325	0.311	12.05
60)	T	Dibromochlorom...	0.305	0.353	0.439	0.376	0.399	0.425	0.383	12.82
61)	T	1,2-Dibromoethane	0.307	0.345	0.423	0.358	0.377	0.407	0.370	11.46
62)	S	4-Bromofluorob...	0.341	0.382	0.353	0.356	0.366	0.360	4.32	
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.352	0.360	0.390	0.322	0.332	0.296	0.342	9.56
65)	PM	Chlorobenzene	0.995	0.976	1.159	0.966	0.993	0.985	1.013	7.15
66)	T	1,1,1,2-Tetrac...	0.352	0.357	0.442	0.372	0.381	0.392	0.383	8.49
67)	C	Ethyl Benzene	1.620	1.734	2.043	1.735	1.773	1.680	1.764	8.31#
68)	T	m/p-Xylenes	0.630	0.662	0.790	0.677	0.699	0.660	0.686	8.13
69)	T	o-Xylene	0.620	0.652	0.786	0.671	0.678	0.663	0.678	8.34
70)	T	Styrene	0.931	1.043	1.295	1.115	1.145	1.137	1.111	10.85
71)	P	Bromoform	0.246	0.274	0.344	0.304	0.315	0.334	0.303	12.22
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.344	3.639	4.186	3.560	3.681	3.335	3.624	8.59
74)	T	N-amyl acetate	0.953	1.110	1.444	1.240	1.283	1.388	1.236	14.67
75)	P	1,1,2,2-Tetrac...	1.069	1.152	1.301	1.088	1.106	1.181	1.150	7.39
76)	T	1,2,3-Trichlor...	0.962	0.971	1.176	0.963	0.995	1.036	1.017	8.13
77)	T	Bromobenzene	0.862	0.918	1.033	0.865	0.901	0.912	0.915	6.82
78)	T	n-propylbenzene	3.595	3.949	4.768	4.049	4.186	3.731	4.047	10.21
79)	T	2-Chlorotoluene	2.395	2.495	2.876	2.425	2.460	2.354	2.501	7.62
80)	T	1,3,5-Trimethy...	2.678	2.967	3.535	2.982	3.093	2.845	3.017	9.64
81)	T	trans-1,4-Dich...	0.254	0.347	0.312	0.343	0.379	0.327	14.38	
82)	T	4-Chlorotoluene	2.811	2.834	3.331	2.792	2.896	2.784	2.908	7.27
83)	T	tert-Butylbenzene	2.752	2.939	3.536	2.975	3.078	2.769	3.008	9.55
84)	T	1,2,4-Trimethy...	2.729	2.938	3.552	2.951	3.038	2.859	3.011	9.45
85)	T	sec-Butylbenzene	3.216	3.419	4.179	3.535	3.677	3.032	3.510	11.39
86)	T	p-Isopropyltol...	2.873	2.858	3.591	3.011	3.153	2.669	3.026	10.61
87)	T	1,3-Dichlorobe...	1.506	1.619	1.923	1.603	1.672	1.624	1.658	8.50
88)	T	1,4-Dichlorobe...	1.682	1.682	1.911	1.594	1.651	1.640	1.693	6.59
89)	T	n-Butylbenzene	2.204	2.260	2.999	2.508	2.697	2.202	2.478	12.99
90)	T	Hexachloroethane	0.494	0.476	0.589	0.506	0.542	0.480	0.514	8.43
91)	T	1,2-Dichlorobe...	1.630	1.619	1.901	1.561	1.612	1.621	1.657	7.35
92)	T	1,2-Dibromo-3-...	0.222	0.232	0.279	0.233	0.249	0.275	0.248	9.56
93)	T	1,2,4-Trichlor...	0.920	0.923	1.153	0.958	1.054	0.999	1.001	9.00
94)	T	Hexachlorobuta...	0.447	0.390	0.460	0.382	0.412	0.314	0.401	13.09
95)	T	Naphthalene	2.568	3.024	3.914	3.317	3.527	3.683	3.339	14.53
96)	T	1,2,3-Trichlor...	0.957	0.960	1.140	0.981	1.045	0.999	1.014	6.86

(#) = Out of Range

t-1,3-Dichloropropene

Response Ratio



$$\text{Response} = 5.491\text{e-}001 * \text{Amt} - 2.751\text{e-}002$$

Coef of Det (r^2) = 0.996197 Curve Fit: Linear

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Calibration Table Last Updated: Wed Dec 07 12:43:54 2022