

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X072125W.M
 Title : SW846 8260
 Last Update : Tue Jul 22 03:59:51 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX047055.D 5 =VX047056.D 20 =VX047057.D 50 =VX047058.D 100 =VX047059.D 150 =VX047060.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.516	0.640	0.610	0.768	0.721	0.729	0.664	14.06
3) P	Chloromethane	0.582	0.668	0.626	0.699	0.667	0.701	0.657	7.01
4) C	Vinyl Chloride	0.578	0.739	0.700	0.780	0.716	0.723	0.706	9.67#
5) T	Bromomethane		0.408	0.400	0.448	0.353	0.309	0.384	13.95
6) T	Chloroethane	0.547	0.482	0.436	0.470	0.423	0.424	0.464	10.27
7) T	Trichlorofluor...	0.853	1.123	1.058	1.158	1.054	1.071	1.053	10.08
8) T	Diethyl Ether	0.329	0.395	0.376	0.390	0.367	0.370	0.371	6.26
9) T	1,1,2-Trichlor...	0.558	0.671	0.646	0.675	0.627	0.631	0.634	6.70
10) T	Methyl Iodide		0.476	0.552	0.727	0.718	0.760	0.647	19.34
11) T	Tert butyl alc...		0.109	0.075	0.073	0.071	0.071	0.080	20.51
12) CM	1,1-Dichloroet...	0.553	0.659	0.635	0.674	0.624	0.625	0.628	6.66#
13) T	Acrolein		0.135	0.130	0.139	0.133	0.134	0.134	2.33
14) T	Allyl chloride	0.941	1.191	1.162	1.239	1.139	1.143	1.136	9.00
15) T	Acrylonitrile	0.208	0.321	0.317	0.329	0.305	0.302	0.297	15.15
16) T	Acetone	0.268	0.267	0.246	0.252	0.232	0.231	0.250	6.53
17) T	Carbon Disulfide	1.633	1.926	1.823	1.936	1.783	1.805	1.818	6.09
18) T	Methyl Acetate	0.657	0.686	0.636	0.688	0.651	0.662	0.663	3.05
19) T	Methyl tert-bu...	1.640	2.011	1.960	2.055	1.891	1.916	1.912	7.64
20) T	Methylene Chlo...	0.635	0.751	0.708	0.722	0.653	0.651	0.686	6.83
21) T	trans-1,2-Dich...	0.531	0.701	0.667	0.695	0.632	0.632	0.643	9.69
22) T	Diisopropyl ether	1.808	2.393	2.289	2.362	2.126	2.124	2.184	9.93
23) T	Vinyl Acetate	1.333	1.804	1.858	1.940	1.792	1.782	1.752	12.18
24) P	1,1-Dichloroet...	1.044	1.327	1.245	1.300	1.177	1.193	1.214	8.40
25) T	2-Butanone	0.317	0.376	0.371	0.391	0.363	0.362	0.363	6.85
26) T	2,2-Dichloropr...	0.874	1.011	0.928	0.979	0.912	0.937	0.940	5.20
27) T	cis-1,2-Dichlo...	0.670	0.832	0.777	0.807	0.739	0.744	0.761	7.56
28) T	Bromochloromet...	0.457	0.608	0.568	0.609	0.559	0.550	0.559	9.95
29) T	Tetrahydrofuran	0.182	0.250	0.244	0.256	0.238	0.236	0.234	11.35
30) C	Chloroform	1.180	1.357	1.252	1.289	1.175	1.164	1.236	6.22#
31) T	Cyclohexane		1.221	1.187	1.215	1.099	1.101	1.164	5.19
32) T	1,1,1-Trichlor...	0.961	1.156	1.101	1.127	1.041	1.057	1.074	6.49
33) S	1,2-Dichloroet...		0.768	0.511	0.575	0.611	0.649	0.623	15.42
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.355	0.262	0.296	0.302	0.328	0.309	11.30
36) T	1,1-Dichloropr...	0.576	0.527	0.528	0.547	0.484	0.495	0.526	6.34
37) T	Ethyl Acetate	0.496	0.537	0.438	0.511	0.462	0.466	0.485	7.48
38) T	Carbon Tetrach...	0.526	0.612	0.566	0.595	0.531	0.540	0.562	6.35
39) T	Methylcyclohexane	0.583	0.693	0.674	0.699	0.640	0.653	0.657	6.46
40) TM	Benzene	1.327	1.656	1.573	1.650	1.451	1.480	1.523	8.41
41) T	Methacrylonitrile	0.186	0.259	0.258	0.292	0.265	0.262	0.254	13.95
42) TM	1,2-Dichloroet...	0.468	0.587	0.558	0.576	0.512	0.517	0.536	8.46
43) T	Isopropyl Acetate	0.527	0.792	0.786	0.850	0.779	0.802	0.756	15.22
44) TM	Trichloroethene	0.350	0.427	0.392	0.420	0.371	0.383	0.391	7.51
45) C	1,2-Dichloropr...	0.334	0.419	0.393	0.408	0.363	0.371	0.381	8.25#
46) T	Dibromomethane	0.204	0.304	0.275	0.294	0.261	0.267	0.267	13.17
47) T	Bromodichlorom...	0.494	0.626	0.579	0.617	0.543	0.557	0.569	8.68
48) T	Methyl methacr...	0.418	0.400	0.397	0.440	0.404	0.413	0.412	3.83
49) T	1,4-Dioxane	0.003	0.005	0.005	0.005	0.005	0.005	0.005	17.78
50) S	Toluene-d8		1.293	0.821	0.924	0.946	1.014	1.000	17.79
51) T	4-Methyl-2-Pen...	0.371	0.477	0.470	0.497	0.440	0.440	0.449	9.81
52) CM	Toluene	0.762	1.047	0.987	1.017	0.896	0.910	0.936	11.12#
53) T	t-1,3-Dichloro...	0.429	0.549	0.546	0.592	0.548	0.562	0.538	10.42
54) T	cis-1,3-Dichlo...	0.442	0.611	0.618	0.653	0.593	0.614	0.588	12.62
55) T	1,1,2-Trichlor...	0.300	0.391	0.373	0.376	0.332	0.335	0.351	9.87
56) T	Ethyl methacry...	0.342	0.527	0.556	0.596	0.544	0.555	0.520	17.35

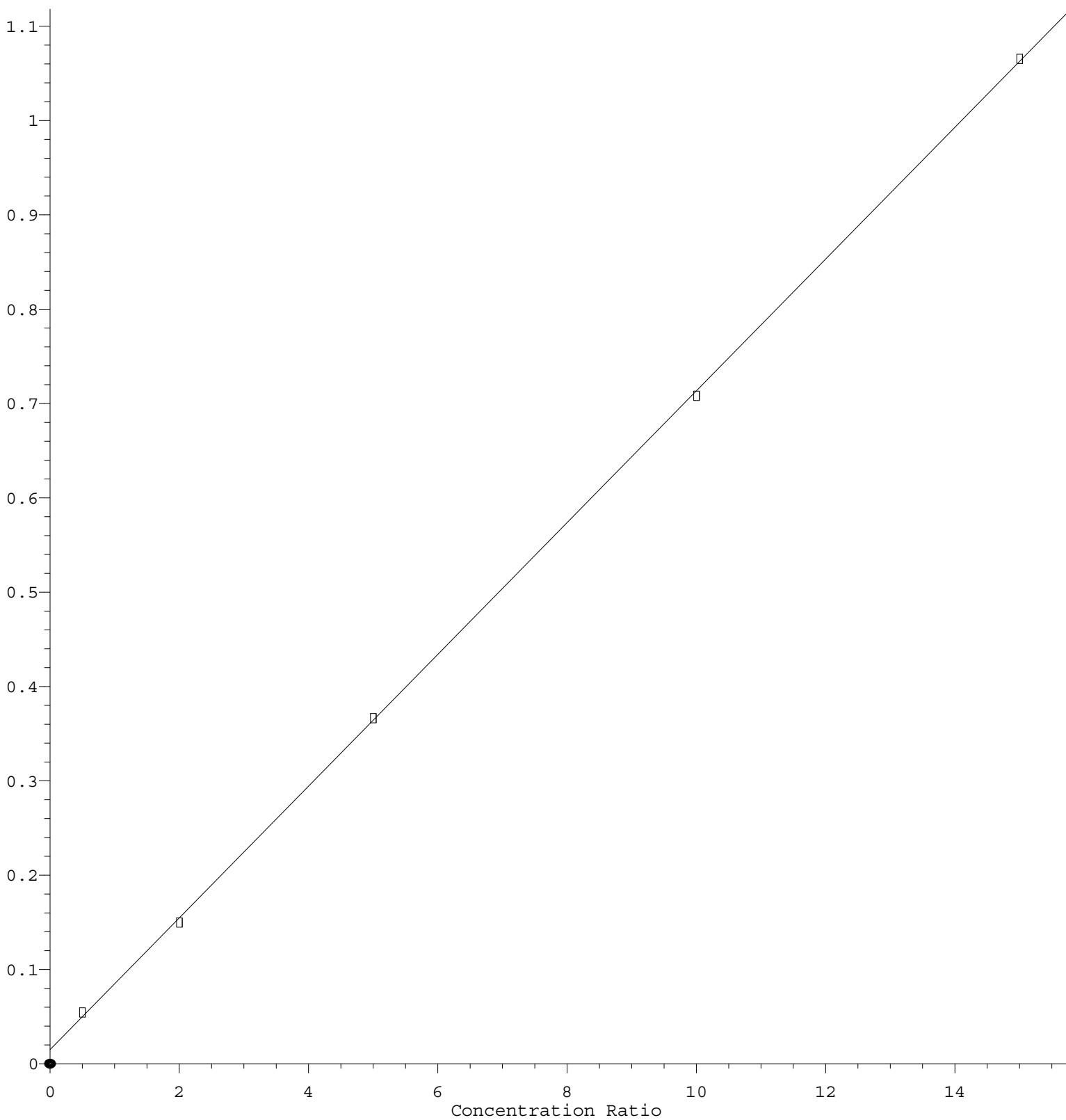
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57)	T	1,3-Dichloropr...	0.530	0.687	0.639	0.653	0.576	0.577	0.610	9.62
58)	T	2-Chloroethyl ...	0.189	0.360	0.271	0.323	0.296	0.297	0.289	19.88
59)	T	2-Hexanone	0.192	0.312	0.324	0.343	0.305	0.304	0.297	17.93
60)	T	Dibromochlorom...	0.343	0.449	0.428	0.444	0.398	0.409	0.412	9.45
61)	T	1,2-Dibromoethane	0.334	0.398	0.377	0.395	0.349	0.351	0.367	7.28
62)	S	4-Bromofluorob...		0.514	0.369	0.409	0.417	0.445	0.431	12.53
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.322	0.403	0.381	0.376	0.337	0.344	0.360	8.62
65)	PM	Chlorobenzene	1.029	1.295	1.225	1.231	1.114	1.135	1.171	8.24
66)	T	1,1,1,2-Tetrac...	0.354	0.415	0.404	0.419	0.381	0.392	0.394	6.20
67)	C	Ethyl Benzene	1.814	2.189	2.119	2.204	1.975	1.987	2.048	7.35#
68)	T	m/p-Xylenes	0.693	0.827	0.795	0.818	0.734	0.732	0.766	7.07
69)	T	o-Xylene	0.586	0.820	0.769	0.785	0.704	0.711	0.729	11.38
70)	T	Styrene	1.024	1.356	1.332	1.361	1.209	1.219	1.250	10.38
71)	P	Bromoform	0.257	0.323	0.302	0.325	0.292	0.299	0.300	8.23
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.180	4.148	4.146	4.309	3.907	3.979	3.945	10.16
74)	T	N-amyl acetate	1.260	1.501	1.617	1.784	1.658	1.729	1.592	11.89
75)	P	1,1,2,2-Tetrac...	0.979	1.203	1.182	1.210	1.085	1.103	1.127	7.93
76)	T	1,2,3-Trichlor...	0.753	1.027	0.956	0.991	0.904	0.923	0.925	10.32
77)	T	Bromobenzene	0.796	0.997	0.997	1.017	0.925	0.945	0.946	8.58
78)	T	n-propylbenzene	3.796	5.061	4.947	5.118	4.618	4.743	4.714	10.36
79)	T	2-Chlorotoluene	2.428	3.036	2.895	3.029	2.730	2.789	2.818	8.07
80)	T	1,3,5-Trimethy...	2.639	3.508	3.437	3.523	3.181	3.265	3.259	10.22
81)	T	trans-1,4-Dich...		0.301	0.331	0.391	0.375	0.398	0.359	11.62
82)	T	4-Chlorotoluene	2.721	3.585	3.445	3.569	3.183	3.232	3.289	9.88
83)	T	tert-Butylbenzene	2.745	3.433	3.364	3.586	3.198	3.299	3.271	8.83
84)	T	1,2,4-Trimethy...	2.502	3.544	3.415	3.577	3.197	3.269	3.251	12.17
85)	T	sec-Butylbenzene	3.328	4.476	4.269	4.398	3.993	4.056	4.087	10.19
86)	T	p-Isopropyltol...	2.626	3.699	3.570	3.704	3.334	3.402	3.389	11.90
87)	T	1,3-Dichlorobe...	1.562	1.968	1.869	1.908	1.704	1.776	1.798	8.30
88)	T	1,4-Dichlorobe...	1.659	1.982	1.903	1.893	1.723	1.767	1.821	6.79
89)	T	n-Butylbenzene	2.645	3.317	3.324	3.456	3.141	3.187	3.178	8.94
90)	T	Hexachloroethane	0.519	0.601	0.603	0.655	0.619	0.640	0.606	7.84
91)	T	1,2-Dichlorobe...	1.533	1.873	1.764	1.824	1.625	1.691	1.718	7.40
92)	T	1,2-Dibromo-3-...	0.140	0.223	0.223	0.239	0.231	0.242	0.216	17.61
93)	T	1,2,4-Trichlor...	0.919	1.189	1.159	1.224	1.144	1.176	1.135	9.64
94)	T	Hexachlorobuta...	0.334	0.396	0.407	0.406	0.392	0.382	0.386	6.99
95)	T	Naphthalene	2.369	3.231	3.425	3.753	3.499	3.691	3.328	15.20
96)	T	1,2,3-Trichlor...	0.925	1.120	1.117	1.172	1.102	1.126	1.094	7.87

(#) = Out of Range

Tert butyl alcohol

Response Ratio



$$\text{Response} = 6.981\text{e-}002 * \text{Amt} + 1.498\text{e-}002$$

Coef of Det (r^2) = 0.999878 Curve Fit: Linear

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Calibration Table Last Updated: Tue Jul 22 03:59:51 2025