

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
 Method File : 82W063025S.M
 Title : SW846 8260
 Last Update : Tue Jul 01 03:35:17 2025
 Response Via : Initial Calibration

Calibration Files

5 =VW031729.D 10 =VW031730.D 20 =VW031731.D 50 =VW031732.D 100 =VW031733.D 150 =VW031734.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.330	0.371	0.352	0.310	0.329	0.351	0.341	6.35
3) P	Chloromethane	0.409	0.410	0.428	0.375	0.405	0.436	0.411	5.13
4) C	Vinyl Chloride	0.523	0.534	0.576	0.514	0.545	0.546	0.540	4.02#
5) T	Bromomethane	0.429	0.431	0.443	0.396	0.412	0.418	0.421	3.94
6) T	Chloroethane	0.370	0.372	0.379	0.347	0.360	0.372	0.367	3.11
7) T	Trichlorofluor...	0.509	0.508	0.442	0.469	0.466	0.546	0.490	7.71
8) T	Diethyl Ether	0.399	0.413	0.383	0.356	0.343	0.340	0.372	8.22
9) T	1,1,2-Trichlor...	0.577	0.563	0.569	0.508	0.517	0.530	0.544	5.39
10) T	Methyl Iodide	0.854	0.846	0.880	0.816	0.814	0.821	0.839	3.11
11) T	Tert butyl alc...	0.043	0.046	0.042	0.047	0.043	0.045	0.044	4.04
12) CM	1,1-Dichloroet...	0.602	0.625	0.622	0.556	0.581	0.588	0.596	4.43#
13) T	Acrolein	0.072	0.086	0.082	0.083	0.078	0.078	0.080	6.20
14) T	Allyl chloride	0.883	0.905	0.938	0.896	0.919	0.945	0.914	2.65
15) T	Acrylonitrile	0.177	0.186	0.182	0.191	0.181	0.181	0.183	2.68
16) T	Acetone	0.238	0.191	0.171	0.163	0.157	0.144	0.177	18.84
17) T	Carbon Disulfide	1.571	1.588	1.647	1.536	1.590	1.633	1.594	2.54
18) T	Methyl Acetate	0.540	0.523	0.498	0.528	0.467	0.485	0.507	5.57
19) T	Methyl tert-bu...	1.007	1.018	1.038	1.033	0.982	0.988	1.011	2.27
20) T	Methylene Chlo...	1.029	0.980	0.905	0.692	0.655	0.626	0.814	21.75
21) T	trans-1,2-Dich...	0.635	0.623	0.667	0.613	0.631	0.629	0.633	2.92
22) T	Diisopropyl ether	1.706	1.791	1.872	1.795	1.764	1.769	1.783	3.03
23) T	Vinyl Acetate	1.111	1.178	1.240	1.256	1.246	1.276	1.218	5.09
24) P	1,1-Dichloroet...	1.154	1.163	1.219	1.116	1.131	1.153	1.156	3.07
25) T	2-Butanone	0.224	0.224	0.221	0.249	0.231	0.237	0.231	4.56
26) T	2,2-Dichloropr...	0.693	0.683	0.698	0.657	0.643	0.672	0.674	3.18
27) T	cis-1,2-Dichlo...	0.711	0.709	0.754	0.716	0.736	0.740	0.728	2.52
28) T	Bromochloromet...	0.531	0.501	0.535	0.504	0.500	0.489	0.510	3.68
29) T	Tetrahydrofuran	0.151	0.160	0.156	0.168	0.156	0.158	0.158	3.55
30) C	Chloroform	1.230	1.239	1.299	1.204	1.189	1.208	1.228	3.17#
31) T	Cyclohexane	1.175	1.065	1.033	0.937	0.940	0.981	1.022	8.87
32) T	1,1,1-Trichlor...	0.933	0.983	0.971	0.925	0.907	0.959	0.946	3.09
33) S	1,2-Dichloroet...	0.731	0.732	0.739	0.715	0.702	0.687	0.718	2.82
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.322	0.324	0.348	0.324	0.327	0.312	0.326	3.63
36) T	1,1-Dichloropr...	0.477	0.473	0.497	0.456	0.463	0.467	0.472	3.03
37) T	Ethyl Acetate	0.314	0.299	0.305	0.303	0.281	0.285	0.298	4.14
38) T	Carbon Tetrach...	0.477	0.498	0.498	0.461	0.468	0.485	0.481	3.16
39) T	Methylcyclohexane	0.573	0.571	0.604	0.566	0.592	0.619	0.587	3.59
40) TM	Benzene	1.410	1.394	1.483	1.375	1.349	1.371	1.397	3.36
41) T	Methacrylonitrile	0.151	0.151	0.153	0.174	0.161	0.167	0.160	6.03
42) TM	1,2-Dichloroet...	0.490	0.490	0.493	0.464	0.449	0.445	0.472	4.69
43) T	Isopropyl Acetate	0.480	0.509	0.516	0.535	0.514	0.527	0.513	3.71
44) TM	Trichloroethene	0.344	0.346	0.367	0.344	0.337	0.354	0.349	3.07
45) C	1,2-Dichloropr...	0.348	0.344	0.353	0.331	0.324	0.325	0.338	3.67#
46) T	Dibromomethane	0.228	0.217	0.227	0.219	0.206	0.210	0.218	4.08
47) T	Bromodichlorom...	0.509	0.512	0.524	0.511	0.502	0.510	0.511	1.39
48) T	Methyl methacr...	0.230	0.266	0.246	0.261	0.255	0.256	0.252	5.06
49) T	1,4-Dioxane	0.003	0.003	0.002	0.003	0.002	0.002	0.003	7.16
50) S	Toluene-d8	1.121	1.245	1.290	1.208	1.229	1.193	1.214	4.67
51) T	4-Methyl-2-Pen...	0.285	0.301	0.295	0.313	0.289	0.287	0.295	3.54
52) CM	Toluene	0.882	0.898	0.938	0.876	0.874	0.899	0.894	2.67#
53) T	t-1,3-Dichloro...	0.432	0.460	0.491	0.496	0.497	0.500	0.480	5.74
54) T	cis-1,3-Dichlo...	0.514	0.521	0.571	0.549	0.547	0.560	0.544	4.09
55) T	1,1,2-Trichlor...	0.299	0.282	0.299	0.285	0.275	0.273	0.286	4.04
56) T	Ethyl methacry...	0.355	0.366	0.381	0.410	0.402	0.410	0.387	6.08

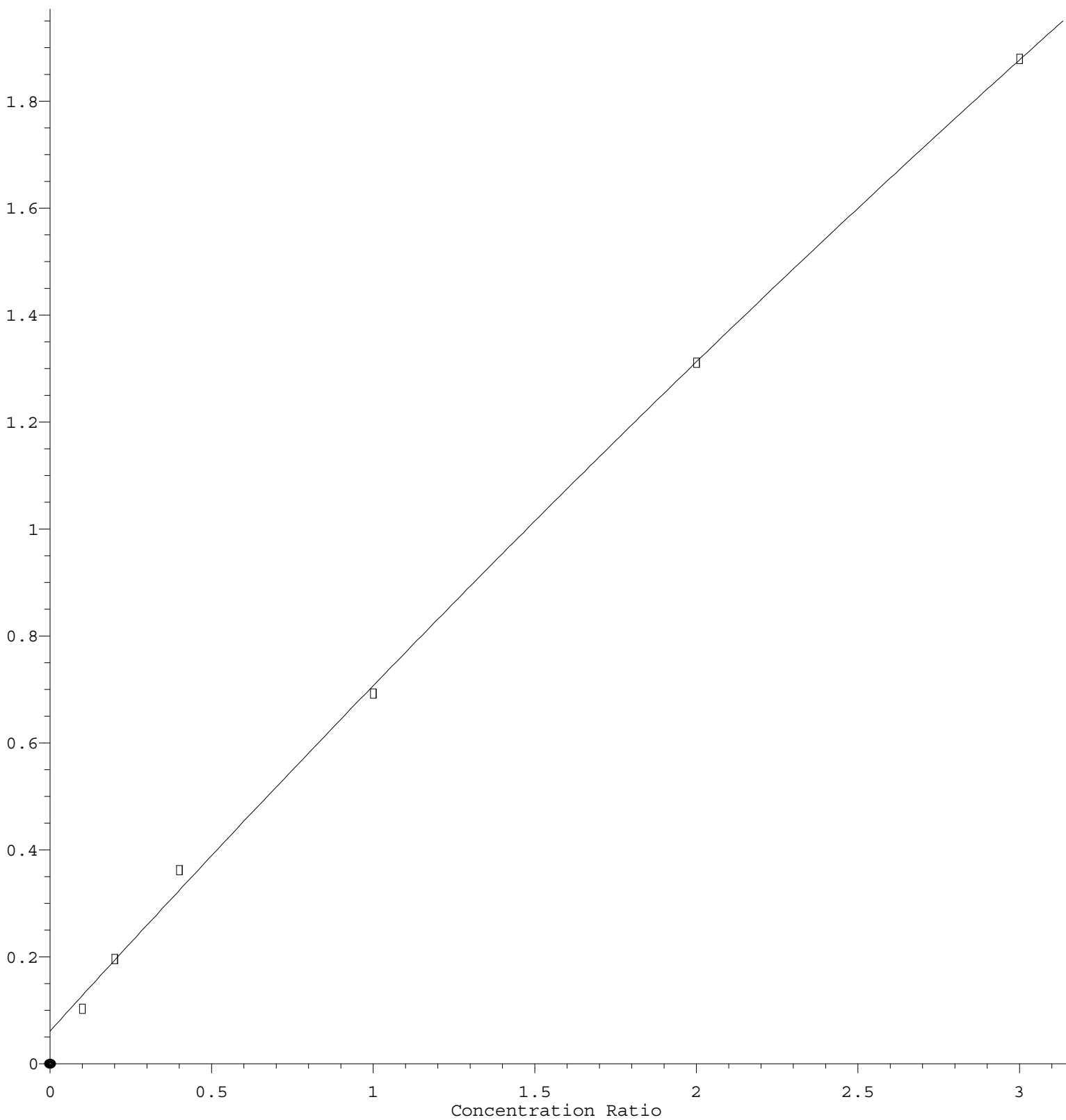
Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
 Method File : 82W063025S.M

57)	T	1,3-Dichloropr...	0.522	0.524	0.518	0.491	0.477	0.476	0.501	4.47
58)	T	2-Chloroethyl ...	0.196	0.199	0.220	0.225	0.223	0.216	0.213	5.93
59)	T	2-Hexanone	0.185	0.201	0.195	0.219	0.201	0.199	0.200	5.63
60)	T	Dibromochlorom...	0.329	0.332	0.353	0.352	0.336	0.345	0.341	3.04
61)	T	1,2-Dibromoethane	0.288	0.285	0.296	0.290	0.274	0.281	0.286	2.66
62)	S	4-Bromofluorob...	0.436	0.452	0.463	0.447	0.450	0.434	0.447	2.38
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.331	0.321	0.324	0.314	0.329	0.344	0.327	3.15
65)	PM	Chlorobenzene	1.128	1.116	1.116	1.062	1.078	1.120	1.103	2.41
66)	T	1,1,1,2-Tetrac...	0.347	0.351	0.345	0.350	0.352	0.365	0.352	2.00
67)	C	Ethyl Benzene	1.860	1.899	1.911	1.885	1.934	1.989	1.913	2.33#
68)	T	m/p-Xylenes	0.690	0.730	0.751	0.727	0.750	0.764	0.735	3.58
69)	T	o-Xylene	0.636	0.654	0.685	0.682	0.705	0.723	0.681	4.72
70)	T	Styrene	1.066	1.154	1.195	1.209	1.206	1.232	1.177	5.10
71)	P	Bromoform	0.197	0.202	0.203	0.219	0.215	0.223	0.210	5.07
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.643	3.549	3.683	3.732	4.080	4.132	3.803	6.38
74)	T	N-amyl acetate	0.934	0.970	0.953	1.067	1.096	1.132	1.025	8.11
75)	P	1,1,2,2-Tetrac...	0.891	0.839	0.812	0.843	0.829	0.852	0.844	3.16
76)	T	1,2,3-Trichlor...	0.693	0.651	0.611	0.652	0.617	0.652	0.646	4.56
77)	T	Bromobenzene	0.883	0.821	0.816	0.781	0.886	0.902	0.848	5.72
78)	T	n-propylbenzene	4.370	4.433	4.418	4.463	4.733	4.909	4.554	4.74
79)	T	2-Chlorotoluene	2.717	2.648	2.721	2.684	2.800	2.885	2.743	3.14
80)	T	1,3,5-Trimethy...	2.947	2.987	3.121	3.155	3.314	3.365	3.148	5.35
81)	T	trans-1,4-Dich...	0.245	0.272	0.249	0.291	0.299	0.309	0.277	9.55
82)	T	4-Chlorotoluene	2.935	2.802	2.837	2.822	2.901	2.978	2.879	2.43
83)	T	tert-Butylbenzene	2.532	2.560	2.642	2.613	2.838	2.995	2.697	6.73
84)	T	1,2,4-Trimethy...	3.054	3.078	3.192	3.122	3.292	3.399	3.190	4.20
85)	T	sec-Butylbenzene	3.914	3.877	3.937	3.987	4.185	4.386	4.048	4.90
86)	T	p-Isopropyltol...	3.123	3.166	3.292	3.275	3.517	3.643	3.336	6.10
87)	T	1,3-Dichlorobe...	1.771	1.705	1.683	1.644	1.681	1.723	1.701	2.55
88)	T	1,4-Dichlorobe...	1.815	1.750	1.700	1.702	1.735	1.745	1.741	2.40
89)	T	n-Butylbenzene	3.126	3.110	3.134	3.176	3.389	3.511	3.241	5.17
90)	T	Hexachloroethane	0.573	0.567	0.566	0.592	0.638	0.675	0.602	7.45
91)	T	1,2-Dichlorobe...	1.599	1.518	1.511	1.575	1.563	1.563	1.555	2.20
92)	T	1,2-Dibromo-3-...	0.169	0.159	0.153	0.166	0.167	0.174	0.165	4.55
93)	T	1,2,4-Trichlor...	0.965	0.899	0.929	0.933	1.000	1.028	0.959	5.03
94)	T	Hexachlorobuta...	0.474	0.469	0.438	0.414	0.493	0.489	0.463	6.67
95)	T	Naphthalene	2.185	2.107	2.155	2.395	2.610	2.653	2.351	10.17
96)	T	1,2,3-Trichlor...	0.863	0.865	0.827	0.862	0.944	0.926	0.881	5.04

(#) = Out of Range

Methylene Chloride

Response Ratio



$R = -2.021e-002 A^2 + 6.660e-001 A + 6.133e-002$
 Coef of Det (r^2) = 0.999086 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA W\Method\82W063025S.M
 Calibration Table Last Updated: Tue Jul 01 03:35:17 2025