

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D071423S.M
 Title : SW846 8260
 Last Update : Mon Jul 17 08:07:52 2023
 Response Via : Initial Calibration

Calibration Files

5 =VD076742.D 150 =VD076740.D 20 =VD076737.D 50 =VD076738.D 100 =VD076739.D

	Compound	5	150	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.372	0.383	0.449	0.393	0.359	0.391	8.88
3) P	Chloromethane	0.764	0.587	0.718	0.686	0.618	0.674	10.73
4) C	Vinyl Chloride	0.958	0.842	0.950	0.906	0.839	0.899	6.33#
5) T	Bromomethane	0.866	0.709	0.729	0.705	0.690	0.740	9.76
6) T	Chloroethane	0.733	0.629	0.705	0.687	0.640	0.679	6.44
7) T	Trichlorofluorom...	0.807	0.794	0.868	0.775	0.756	0.800	5.34
8) T	Diethyl Ether	0.272	0.263	0.262	0.302	0.278	0.275	5.90
9) T	1,1,2-Trichlorot...	0.521	0.514	0.584	0.520	0.491	0.526	6.54
10) T	Methyl Iodide	0.466	0.611	0.605	0.638	0.644	0.593	12.28
11) T	Tert butyl alcohol	0.036	0.035	0.040	0.038	0.037	0.037	4.75
12) CM	1,1-Dichloroethene	0.508	0.479	0.523	0.494	0.468	0.494	4.47#
13) T	Acrolein	0.027	0.022	0.032	0.023	0.023	0.025	16.02
14) T	Allyl chloride	0.686	0.607	0.650	0.676	0.626	0.649	5.04
15) T	Acrylonitrile	0.142	0.126	0.130	0.142	0.136	0.135	5.47
16) T	Acetone	0.141	0.104	0.109	0.123	0.118	0.119	12.05
17) T	Carbon Disulfide	1.106	1.113	1.218	1.205	1.127	1.154	4.63
18) T	Methyl Acetate	0.471	0.417	0.435	0.465	0.446	0.447	4.96
19) T	Methyl tert-buty...	1.303	1.284	1.306	1.404	1.328	1.325	3.54
20) T	Methylene Chloride	2.123	0.600	0.803	0.735	0.659	0.984	65.19
21) T	trans-1,2-Dichlo...	0.571	0.550	0.594	0.601	0.556	0.574	3.93
22) T	Diisopropyl ether	1.536	1.437	1.552	1.626	1.533	1.537	4.37
23) T	Vinyl Acetate	0.757	0.724	0.732	0.814	0.775	0.760	4.72
24) P	1,1-Dichloroethane	1.070	0.968	1.046	1.076	1.021	1.036	4.24
25) T	2-Butanone	0.162	0.147	0.154	0.170	0.163	0.159	5.63
26) T	2,2-Dichloropropane	0.901	0.868	0.927	0.896	0.874	0.893	2.61
27) T	cis-1,2-Dichloro...	0.703	0.675	0.713	0.731	0.719	0.708	2.98
28) T	Bromochloromethane	0.301	0.216	0.294	0.246	0.238	0.259	14.31
29) T	Tetrahydrofuran	0.097	0.087	0.093	0.097	0.095	0.094	4.28
30) C	Chloroform	1.206	1.045	1.175	1.133	1.115	1.135	5.41#
31) T	Cyclohexane	0.866	0.675	0.789	0.680	0.654	0.733	12.44
32) T	1,1,1-Trichloroe...	0.869	0.897	0.968	0.935	0.909	0.916	4.11
33) S	1,2-Dichloroetha...	0.554	0.449	0.534	0.468	0.484	0.498	8.95
34) I	1,4-Difluorobenzene	-----ISTD-----						
35) S	Dibromofluoromet...	0.333	0.285	0.345	0.291	0.317	0.314	8.23
36) T	1,1-Dichloropropene	0.383	0.406	0.438	0.411	0.414	0.411	4.75
37) T	Ethyl Acetate	0.174	0.173	0.181	0.200	0.190	0.184	6.11
38) T	Carbon Tetrachlo...	0.346	0.407	0.423	0.393	0.396	0.393	7.30
39) T	Methylcyclohexane	0.425	0.492	0.509	0.478	0.466	0.474	6.74
40) TM	Benzene	1.270	1.256	1.349	1.295	1.308	1.295	2.79
41) T	Methacrylonitrile	0.134	0.102	0.116	0.112	0.096	0.112	12.98
42) TM	1,2-Dichloroethane	0.339	0.321	0.334	0.346	0.344	0.337	3.00
43) T	Isopropyl Acetate	0.367	0.342	0.344	0.373	0.365	0.358	3.93
44) TM	Trichloroethene	0.341	0.337	0.374	0.358	0.355	0.353	4.20
45) C	1,2-Dichloropropane	0.318	0.315	0.344	0.360	0.335	0.334	5.60#
46) T	Dibromomethane	0.183	0.187	0.199	0.211	0.198	0.196	5.48
47) T	Bromodichloromet...	0.490	0.463	0.505	0.518	0.481	0.491	4.32
48) T	Methyl methacrylate	0.162	0.151	0.161	0.176	0.165	0.163	5.63
49) T	1,4-Dioxane	0.003	0.002	0.002	0.003	0.003	0.003	5.16
50) S	Toluene-d8	1.152	1.042	1.271	1.053	1.102	1.124	8.26
51) T	4-Methyl-2-Penta...	0.185	0.181	0.185	0.207	0.195	0.191	5.55
52) CM	Toluene	0.819	0.841	0.856	0.884	0.854	0.851	2.76#
53) T	t-1,3-Dichloropr...	0.425	0.453	0.433	0.491	0.478	0.456	6.24
54) T	cis-1,3-Dichloro...	0.494	0.526	0.551	0.570	0.545	0.537	5.34
55) T	1,1,2-Trichloroe...	0.278	0.270	0.285	0.304	0.292	0.286	4.57
56) T	Ethyl methacrylate	0.288	0.327	0.323	0.365	0.348	0.330	8.79

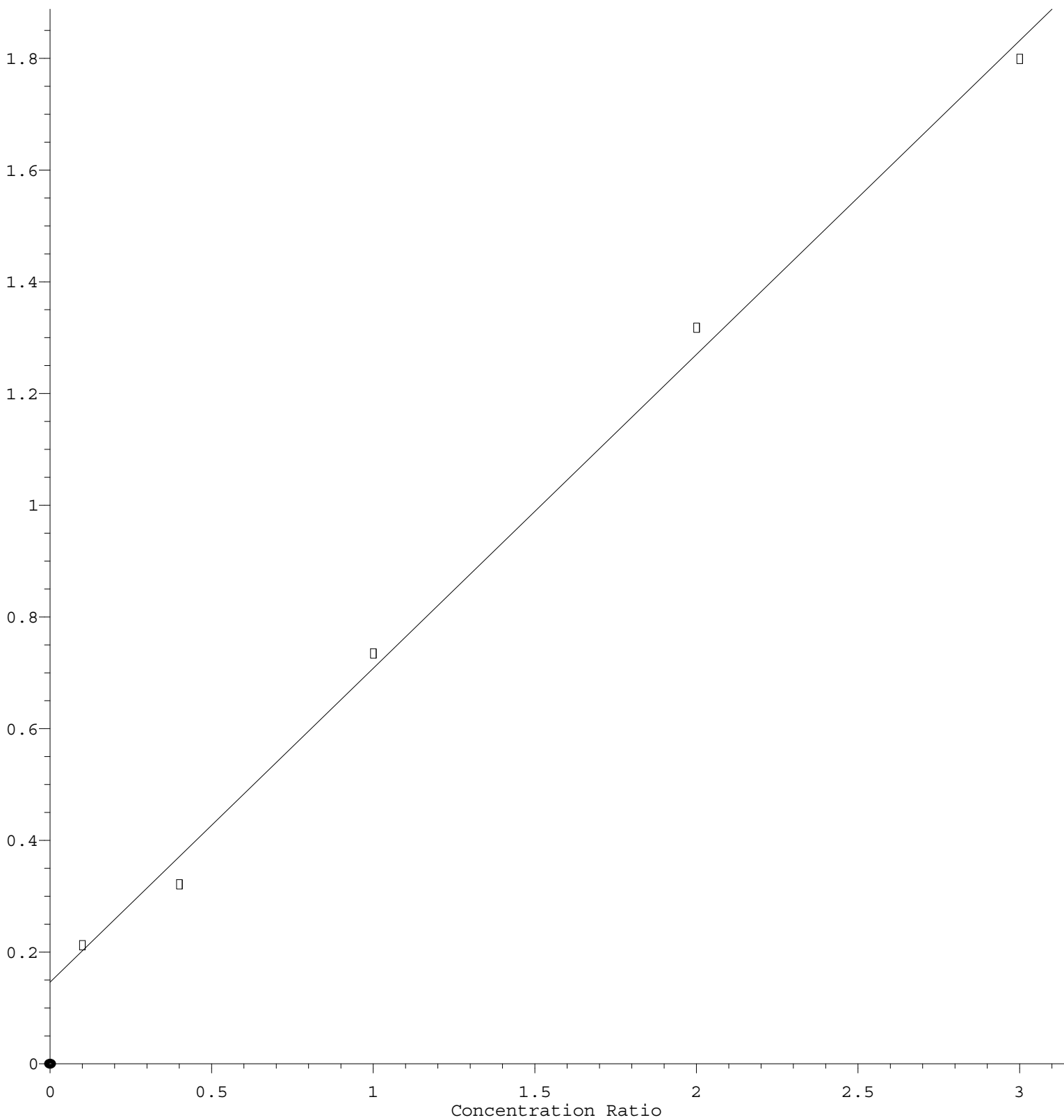
Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D071423S.M

57)	T	1,3-Dichloropropane	0.462	0.442	0.472	0.484	0.468	0.465	3.35
58)	T	2-Chloroethyl Vi...	0.131	0.122	0.129	0.129	0.128	0.128	2.81
59)	T	2-Hexanone	0.134	0.128	0.129	0.148	0.140	0.136	6.14
60)	T	Dibromochloromet...	0.312	0.325	0.328	0.354	0.341	0.332	4.91
61)	T	1,2-Dibromoethane	0.254	0.250	0.265	0.287	0.269	0.265	5.56
62)	S	4-Bromofluoroben...	0.357	0.346	0.392	0.351	0.373	0.364	5.12
63)	I	Chlorobenzene-d5	-----ISTD-----						
64)	T	Tetrachloroethene	0.271	0.284	0.315	0.279	0.277	0.285	6.02
65)	PM	Chlorobenzene	0.965	0.991	1.067	0.999	1.005	1.006	3.73
66)	T	1,1,1,2-Tetrachl...	0.359	0.375	0.390	0.369	0.378	0.374	3.09
67)	C	Ethyl Benzene	1.620	1.819	1.860	1.760	1.772	1.766	5.15#
68)	T	m/p-Xylenes	0.592	0.705	0.721	0.677	0.696	0.678	7.50
69)	T	o-Xylene	0.589	0.678	0.668	0.661	0.683	0.656	5.85
70)	T	Styrene	1.009	1.190	1.182	1.164	1.196	1.148	6.88
71)	P	Bromoform	0.184	0.205	0.211	0.211	0.214	0.205	5.91
72)	I	1,4-Dichlorobenzen...	-----ISTD-----						
73)	T	Isopropylbenzene	3.521	3.657	3.774	3.610	3.576	3.628	2.64
74)	T	N-amyl acetate	0.806	0.723	0.768	0.760	0.764	0.764	3.89
75)	P	1,1,2,2-Tetrachl...	0.821	0.710	0.811	0.787	0.765	0.779	5.65
76)	T	1,2,3-Trichlorop...	0.430	0.458	0.523	0.488	0.479	0.475	7.29
77)	T	Bromobenzene	0.824	0.808	0.885	0.846	0.823	0.837	3.58
78)	T	n-propylbenzene	4.139	4.423	4.710	4.375	4.341	4.398	4.67
79)	T	2-Chlorotoluene	2.321	2.365	2.552	2.419	2.401	2.411	3.61
80)	T	1,3,5-Trimethylb...	2.641	2.997	3.115	2.959	2.954	2.933	5.99
81)	T	trans-1,4-Dichlo...	0.201	0.215	0.238	0.235	0.228	0.223	6.81
82)	T	4-Chlorotoluene	2.353	2.496	2.697	2.550	2.500	2.519	4.90
83)	T	tert-Butylbenzene	2.237	2.681	2.721	2.623	2.653	2.583	7.62
84)	T	1,2,4-Trimethylb...	2.699	3.057	3.159	3.045	3.028	2.997	5.83
85)	T	sec-Butylbenzene	3.560	4.056	4.253	3.935	3.926	3.946	6.41
86)	T	p-Isopropyltoluene	2.749	3.451	3.475	3.289	3.330	3.259	9.07
87)	T	1,3-Dichlorobenzene	1.597	1.730	1.810	1.738	1.736	1.722	4.49
88)	T	1,4-Dichlorobenzene	1.669	1.647	1.752	1.677	1.692	1.687	2.33
89)	T	n-Butylbenzene	2.896	3.254	3.482	3.167	3.145	3.189	6.62
90)	T	Hexachloroethane	0.534	0.620	0.631	0.613	0.615	0.602	6.50
91)	T	1,2-Dichlorobenzene	1.521	1.483	1.569	1.528	1.488	1.518	2.30
92)	T	1,2-Dibromo-3-Ch...	0.134	0.096	0.115	0.106	0.105	0.111	12.95
93)	T	1,2,4-Trichlorob...	0.918	0.907	0.946	0.924	0.938	0.927	1.67
94)	T	Hexachlorobutadiene	0.468	0.439	0.467	0.439	0.415	0.446	4.98
95)	T	Naphthalene	1.908	2.012	1.968	2.059	2.084	2.006	3.53
96)	T	1,2,3-Trichlorob...	0.852	0.807	0.835	0.827	0.836	0.831	1.95

(#) = Out of Range

Methylene Chloride

Response Ratio



$$\text{Response} = 5.623\text{e-}001 * \text{Amt} + 1.459\text{e-}001$$

Coef of Det (r^2) = 0.996345 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA D\Method\82D071423S.M

Calibration Table Last Updated: Mon Jul 17 08:07:52 2023