Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X110723W.M
Title : SW846 8260
Last Update : Wed Nov 08 03:19:07 2023
Response Via : Initial Calibration

Calibration Files
1 =VX038630.D 5 =VX038631.D 20 =VX038632.D 50 =VX038633.D 100 =VX038637.D 150 =VX038635.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.464	0.483	0.523	0.538	0.545	0.563	0.519	7.40
3)	P	Chloromethane	0.531	0.438	0.425	0.428	0.419	0.453	0.449	9.36
4)	C	Vinyl Chloride	0.508	0.451	0.469	0.476	0.468	0.495	0.478	4.34#
5)	T	Bromomethane		0.420	0.415	0.384	0.303	0.322	0.369	14.54
6)	T	Chloroethane	0.330	0.314	0.298	0.296	0.278	0.300	0.303	5.78
7)	T	Trichlorofluor...	0.795	0.824	0.801	0.824	0.836	0.861	0.824	2.94
8)	T	Diethyl Ether	0.305	0.278	0.276	0.274	0.275	0.288	0.283	4.31
9)	T	1,1,2-Trichlor...	0.488	0.489	0.466	0.481	0.498	0.500	0.487	2.55
10)	T	Methyl Iodide		0.468	0.560	0.627	0.674	0.678	0.601	14.71
11)	T	Tert butyl alc...		0.154	0.112	0.117	0.120	0.134	0.127	13.27
12)	CM	1,1-Dichloroet...	0.493	0.452	0.447	0.461	0.460	0.487	0.467	4.00#
13)	T	Acrolein		0.104	0.091	0.091	0.093	0.104	0.096	7.14
14)	T	Allyl chloride	0.717	0.647	0.627	0.652	0.665	0.701	0.668	5.14
15)	T	Acrylonitrile	0.270	0.266	0.259	0.268	0.264	0.285	0.269	3.38
16)	T	Acetone	0.310	0.257	0.248	0.246	0.255	0.257	0.262	9.06
17)	T	Carbon Disulfide	1.294	1.191	1.206	1.234	1.219	1.294	1.240	3.57
18)	T	Methyl Acetate	1.140	1.086	1.085	1.115	1.094	1.181	1.117	3.38
19)	T	Methyl tert-bu...	1.472	1.469	1.448	1.497	1.482	1.585	1.492	3.24
20)	T	Methylene Chlo...	0.595	0.531	0.510	0.508	0.497	0.530	0.528	6.68
21)	T	trans-1,2-Dich...	0.516	0.505	0.492	0.501	0.504	0.531	0.508	2.68
22)	T	Diisopropyl ether	1.236	1.231	1.233	1.269	1.253	1.335	1.260	3.14
23)	T	Vinyl Acetate	0.832	0.850	0.881	0.920	0.920	0.962	0.894	5.46
24)	P	1,1-Dichloroet...	0.877	0.834	0.802	0.824	0.805	0.858	0.833	3.58
25)	T	2-Butanone	0.405	0.369	0.363	0.370	0.374	0.399	0.380	4.57
26)	T	2,2-Dichloropr...	0.742	0.694	0.696	0.711	0.761	0.763	0.728	4.37
27)	T	cis-1,2-Dichlo...	0.595	0.580	0.568	0.581	0.580	0.616	0.587	2.86
28)	T	Bromochloromet...	0.367	0.362	0.396	0.370	0.358	0.395	0.375	4.44
29)	T	Tetrahydrofuran	0.237	0.230	0.228	0.236	0.233	0.254	0.236	3.95
30)	C	Chloroform	1.122	0.970	0.931	0.941	0.925	0.978	0.978	7.55#
31)	T	Cyclohexane		0.686	0.653	0.686	0.695	0.724	0.689	3.69
32)	T	1,1,1-Trichlor...	0.839	0.850	0.828	0.859	0.871	0.916	0.861	3.63
33)	S	1,2-Dichloroet...		0.708	0.636	0.596	0.564	0.608	0.622	8.75
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.381	0.361	0.352	0.344	0.361	0.360	3.84
36)	T	1,1-Dichloropr...	0.489	0.425	0.421	0.437	0.448	0.463	0.447	5.73
37)	T	Ethyl Acetate	0.464	0.440	0.437	0.456	0.459	0.486	0.457	3.90
38)	T	Carbon Tetrach...	0.481	0.474	0.478	0.500	0.525	0.542	0.500	5.62
39)	T	Methylcyclohexane	0.569	0.536	0.521	0.548	0.591	0.591	0.559	5.23
40)	TM	Benzene	1.351	1.273	1.247	1.264	1.271	1.325	1.288	3.12
41)	T	Methacrylonitrile	0.231	0.216	0.220	0.233	0.238	0.257	0.233	6.26
42)	TM	1,2-Dichloroet...	0.456	0.456	0.461	0.467	0.466	0.484	0.465	2.22
43)	T	Isopropyl Acetate	0.691	0.669	0.661	0.703	0.726	0.763	0.702	5.41
44)	TM	Trichloroethene	0.407	0.396	0.379	0.397	0.406	0.419	0.401	3.35
45)	C	1,2-Dichloropr...	0.320	0.297	0.301	0.311	0.314	0.326	0.311	3.54#
46)	T	Dibromomethane	0.258	0.257	0.252	0.262	0.261	0.273	0.260	2.77
47)	T	Bromodichlorom...	0.531	0.474	0.460	0.478	0.488	0.508	0.490	5.29
48)	T	Methyl methacr...	0.326	0.311	0.328	0.342	0.351	0.372	0.338	6.35
49)	T	1,4-Dioxane	0.008	0.007	0.007	0.008	0.008	0.009	0.008	8.02
50)	S	Toluene-d8		1.405	1.309	1.254	1.216	1.259	1.289	5.67
51)	T	4-Methyl-2-Pen...	0.438	0.445	0.454	0.463	0.460	0.485	0.457	3.53
52)	CM	Toluene	0.816	0.833	0.826	0.851	0.858	0.880	0.844	2.79#
53)	T	t-1,3-Dichloro...	0.450	0.455	0.473	0.512	0.539	0.564	0.499	9.43
54)	T	cis-1,3-Dichlo...	0.497	0.485	0.505	0.541	0.555	0.577	0.526	6.92
55)	T	1,1,2-Trichlor...	0.342	0.352	0.353	0.362	0.360	0.380	0.358	3.61
56)	T	Ethyl methacry...	0.425	0.456	0.481	0.524	0.542	0.579	0.501	11.45

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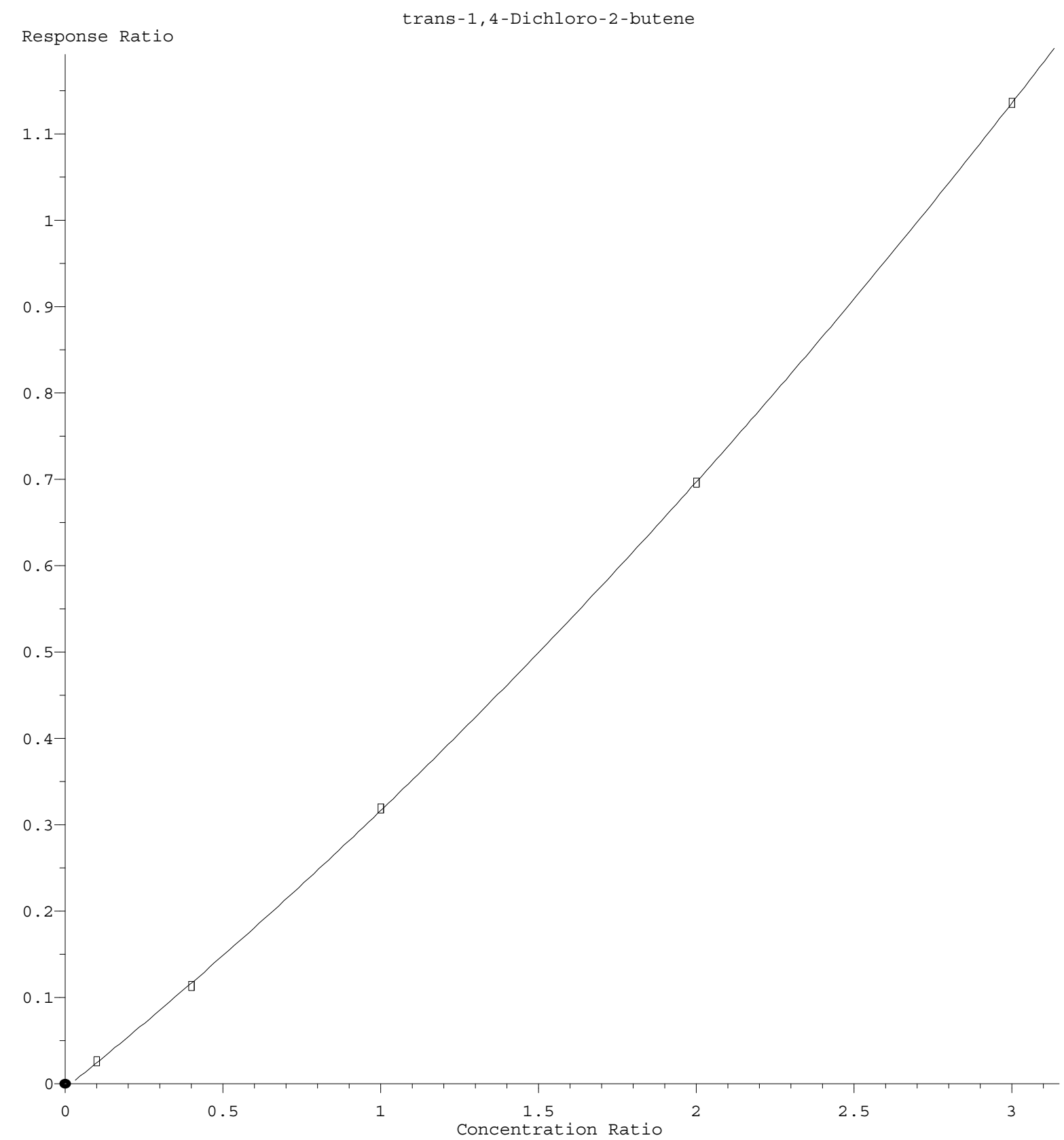
57)	T	1,3-Dichloropr...	0.573	0.539	0.546	0.555	0.556	0.578	0.558	2.71
58)	T	2-Chloroethyl ...	0.215	0.230	0.247	0.258	0.258	0.270	0.246	8.24
59)	T	2-Hexanone	0.363	0.353	0.360	0.371	0.379	0.395	0.370	4.17
60)	T	Dibromochlorom...	0.385	0.367	0.380	0.405	0.425	0.449	0.402	7.62
61)	T	1,2-Dibromoethane	0.386	0.389	0.392	0.405	0.411	0.433	0.402	4.40
62)	S	4-Bromofluorob...		0.508	0.497	0.489	0.489	0.514	0.500	2.28
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.390	0.382	0.360	0.362	0.373	0.379	0.374	3.17
65)	PM	Chlorobenzene	1.017	1.008	0.987	1.009	1.027	1.059	1.018	2.36
66)	T	1,1,1,2-Tetrac...	0.356	0.372	0.365	0.387	0.398	0.418	0.383	6.01
67)	C	Ethyl Benzene	1.698	1.687	1.679	1.726	1.767	1.774	1.722	2.37#
68)	T	m/p-Xylenes	0.655	0.659	0.671	0.693	0.706	0.715	0.683	3.68
69)	T	o-Xylene	0.626	0.645	0.639	0.673	0.693	0.711	0.665	5.02
70)	T	Styrene	0.997	1.026	1.074	1.123	1.153	1.209	1.097	7.28
71)	P	Bromoform	0.296	0.295	0.316	0.345	0.374	0.401	0.338	12.79
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.052	3.021	3.039	3.076	3.058	3.160	3.067	1.60
74)	T	N-amyl acetate	0.934	0.943	1.043	1.102	1.145	1.228	1.066	10.86
75)	P	1,1,2,2-Tetrac...	1.121	1.038	1.039	1.045	1.021	1.099	1.060	3.77
76)	T	1,2,3-Trichlor...	1.034	0.947	0.943	0.983	0.989	1.045	0.990	4.31
77)	T	Bromobenzene	0.867	0.826	0.819	0.827	0.830	0.881	0.842	3.06
78)	T	n-propylbenzene	3.574	3.491	3.538	3.604	3.564	3.647	3.570	1.51
79)	T	2-Chlorotoluene	2.156	2.119	2.094	2.119	2.119	2.215	2.137	2.00
80)	T	1,3,5-Trimethy...	2.503	2.592	2.607	2.683	2.668	2.786	2.640	3.63
81)	T	trans-1,4-Dich...		0.260	0.283	0.319	0.348	0.379	0.318	15.04
82)	T	4-Chlorotoluene	2.411	2.514	2.461	2.511	2.482	2.601	2.497	2.55
83)	T	tert-Butylbenzene	2.557	2.592	2.604	2.732	2.690	2.876	2.675	4.41
84)	T	1,2,4-Trimethy...	2.394	2.554	2.622	2.674	2.675	2.791	2.618	5.14
85)	T	sec-Butylbenzene	3.281	3.246	3.271	3.363	3.380	3.487	3.338	2.71
86)	T	p-Isopropyltol...	2.709	2.686	2.796	2.889	2.950	3.032	2.844	4.82
87)	T	1,3-Dichlorobe...	1.660	1.593	1.547	1.581	1.600	1.676	1.610	3.05
88)	T	1,4-Dichlorobe...	1.760	1.670	1.579	1.608	1.617	1.693	1.654	4.03
89)	T	n-Butylbenzene	2.457	2.370	2.419	2.548	2.666	2.724	2.530	5.59
90)	T	Hexachloroethane	0.426	0.426	0.449	0.492	0.532	0.564	0.482	11.96
91)	T	1,2-Dichlorobe...	1.646	1.566	1.510	1.552	1.537	1.621	1.572	3.28
92)	T	1,2-Dibromo-3-...	0.270	0.235	0.257	0.268	0.271	0.298	0.267	7.67
93)	T	1,2,4-Trichlor...	1.162	1.072	1.049	1.114	1.146	1.202	1.124	5.10
94)	T	Hexachlorobuta...	0.523	0.470	0.444	0.463	0.500	0.510	0.485	6.27
95)	T	Naphthalene	3.271	3.172	3.314	3.444	3.445	3.703	3.391	5.46
96)	T	1,2,3-Trichlor...	1.165	1.062	1.050	1.085	1.108	1.179	1.108	4.83

(#) = Out of Range



R = 2.930e-002 A*A + 2.924e-001 A - 5.162e-003
Coef of Det (r^2) = 0.999977 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X110723W.M
Calibration Table Last Updated: Wed Nov 08 03:19:07 2023