Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVTR111519WMA.M
Title : TRACE VOA SOM01.0
Last Update : Fri Nov 15 23:20:31 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VV013636.D 1 =VV013637.D 5 =VV013638.D
10 =VV013639.D 20 =VV013640.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.503	0.412	0.457	0.491	0.437	0.460	8.15
3)	T	Chloromethane	0.489	0.400	0.430	0.476	0.416	0.442	8.70
4)	S	Vinyl Chloride-d3	0.355	0.267	0.294	0.336	0.292	0.309	11.57
5)	T	Vinyl chloride	0.463	0.384	0.409	0.451	0.399	0.421	8.14
6)	T	Bromomethane	0.283	0.234	0.250	0.274	0.243	0.257	8.11
7)	S	Chloroethane-d5	0.310	0.248	0.260	0.300	0.260	0.276	10.03
8)	T	Chloroethane	0.247	0.205	0.239	0.264	0.228	0.237	9.29
9)	T	Trichlorofluorometh	0.620	0.516	0.552	0.599	0.515	0.560	8.56
10)	T	1,1,2-Trichloro-1,2	0.326	0.278	0.307	0.332	0.295	0.308	7.16
11)	S	1,1-Dichloroethene-	0.621	0.488	0.518	0.607	0.534	0.554	10.49
12)	T	1,1-Dichloroethene	0.323	0.270	0.292	0.319	0.289	0.299	7.36
13)	T	Acetone	0.045	0.039	0.046	0.050	0.046	0.045	9.10
14)	T	Carbon disulfide	1.146	0.906	1.001	1.101	0.999	1.030	9.15
15)	T	Methyl Acetate	0.140	0.094	0.124	0.150	0.131	0.128	16.41
16)	T	Methylene chloride	0.588	0.387	0.363	0.393	0.345	0.415	23.69
17)	T	Methyl tert-butyl E	0.799	0.660	0.746	0.836	0.774	0.763	8.70
18)	T	trans-1,2-Dichloroe	0.411	0.320	0.353	0.396	0.363	0.368	9.75
19)	T	1,1-Dichloroethane	0.703	0.585	0.645	0.718	0.638	0.658	8.14
20)	S	2-Butanone-d5	0.066	0.055	0.071	0.085	0.080	0.071	16.49
21)	T	2-Butanone	0.060	0.059	0.079	0.091	0.088	0.076	19.90
22)	T	cis-1,2-Dichloroeth	0.399	0.324	0.370	0.429	0.389	0.382	10.25
23)	T	Bromochloromethane	0.205	0.152	0.169	0.189	0.166	0.176	11.96
24)	S	Chloroform-d	0.769	0.602	0.642	0.742	0.659	0.683	10.25
25)	T	Chloroform	1.355	0.950	0.727	0.758	0.664	0.891	31.52
26)	S	1,2-Dichloroethane-	0.368	0.283	0.315	0.356	0.319	0.328	10.35
27)	T	1,2-Dichloroethane	0.410	0.342	0.399	0.431	0.396	0.396	8.27
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.632	0.531	0.590	0.666	0.603	0.604	8.34
30)	T	Cyclohexane	0.580	0.481	0.595	0.692	0.657	0.601	13.46
31)	T	Carbon tetrachlorid	0.559	0.467	0.548	0.600	0.555	0.546	8.86
32)	S	Benzene-d6	1.490	1.171	1.327	1.564	1.416	1.394	10.91
33)	T	Benzene	1.504	1.276	1.530	1.702	1.555	1.513	10.13
34)	T	Trichloroethene	0.430	0.358	0.394	0.441	0.403	0.405	8.07
35)	T	Methylcyclohexane	0.589	0.471	0.616	0.730	0.684	0.618	16.05
36)	S	1,2-Dichloropropane	0.420	0.354	0.398	0.461	0.425	0.412	9.51
37)	T	1,2-Dichloropropane	0.353	0.298	0.372	0.410	0.380	0.362	11.46
38)	T	Bromodichloromethan	0.572	0.446	0.483	0.531	0.494	0.505	9.51
39)	T	cis-1,3-Dichloropro	0.468	0.402	0.534	0.610	0.590	0.521	16.60
40)	T	4-Methyl-2-pentanon	0.200	0.166	0.216	0.243	0.230	0.211	14.09
41)	S	Toluene-d8	1.326	1.023	1.276	1.491	1.360	1.295	13.27
42)	T	Toluene	1.560	1.330	1.663	1.851	1.680	1.617	11.83
43)	S	trans-1,3-Dichlorop	0.163	0.132	0.152	0.177	0.168	0.158	10.93
44)	T	trans-1,3-Dichlorop	0.395	0.326	0.407	0.473	0.452	0.411	13.97
45)	T	1,1,2-Trichloroetha	0.272	0.227	0.263	0.283	0.261	0.261	8.05
46)	S	2-Hexanone-d5	0.050	0.043	0.060	0.074	0.073	0.060	22.97
47)	T	Tetrachloroethene	0.402	0.328	0.370	0.405	0.372	0.375	8.23
48)	T	2-Hexanone	0.152	0.110	0.154	0.171	0.161	0.150	15.62
49)	T	Dibromochloromethan	0.333	0.288	0.327	0.365	0.347	0.332	8.52
50)	T	1,2-Dibromoethane	0.264	0.218	0.249	0.271	0.253	0.251	8.12
51)	T	Chlorobenzene	1.165	0.899	1.054	1.166	1.076	1.072	10.20
52)	T	Ethylbenzene	1.619	1.383	1.727	2.008	1.880	1.723	13.97

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.572	0.492	0.681	0.784	0.721	0.650	18.08
54)	T	o-xylene	0.561	0.483	0.648	0.739	0.694	0.625	16.46
55)	T	Styrene	0.914	0.787	1.117	1.283	1.185	1.057	19.20
56)	T	Isopropylbenzene	1.450	1.295	1.716	1.987	1.864	1.662	17.27
57)	S	1,1,2,2-Tetrachloro	0.292	0.263	0.291	0.333	0.311	0.298	8.86
58)	T	1,1,2,2-Tetrachloro	0.292	0.233	0.296	0.325	0.304	0.290	11.89
59)		1,2,3-Trichloroprop	0.242	0.195	0.219	0.239	0.225	0.224	8.37
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.404	0.336	0.360	0.396	0.376	0.374	7.36
62)	T	1,3-Dichlorobenzene	1.855	1.485	1.609	1.784	1.646	1.676	8.72
63)	T	1,4-Dichlorobenzene	1.945	1.515	1.606	1.788	1.655	1.702	9.87
64)	S	1,2-Dichlorobenzene	1.089	0.869	0.881	1.024	0.948	0.962	9.74
65)	T	1,2-Dichlorobenzene	1.797	1.410	1.488	1.605	1.504	1.561	9.56
66)	T	1,2-Dibromo-3-chlor	0.125	0.082	0.083	0.090	0.086	0.093	19.27
67)		1,3,5-Trichlorobenz	1.595	1.217	1.292	1.466	1.385	1.391	10.63
68)	T	1,2,4-trichlorobenz	1.358	0.970	1.026	1.181	1.179	1.143	13.32
69)		Naphthalene	1.781	1.144	1.365	1.700	1.813	1.561	18.78
70)	T	1,2,3-Trichlorobenz	1.188	0.867	0.980	1.105	1.079	1.044	11.84

(#) = Out of Range