Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVTR101819WMA.M
Title : TRACE VOA SOM01.0
Last Update : Fri Oct 18 15:14:25 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VV013197.D 1 =VV013198.D 5 =VV013199.D
10 =VV013200.D 20 =VV013201.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.737	0.580	0.584	0.604	0.606	0.622	10.48
3)	T	Chloromethane	0.763	0.601	0.546	0.548	0.546	0.601	15.58
4)	S	Vinyl Chloride-d3	0.556	0.498	0.502	0.510	0.503	0.514	4.71
5)	T	Vinyl chloride	0.624	0.494	0.505	0.507	0.503	0.527	10.41
6)	T	Bromomethane	0.367	0.268	0.272	0.280	0.281	0.293	14.12
7)	S	Chloroethane-d5	0.448	0.397	0.391	0.403	0.391	0.406	5.86
8)	T	Chloroethane	0.359	0.285	0.288	0.293	0.285	0.302	10.57
9)	T	Trichlorofluorometh	0.913	0.705	0.702	0.710	0.701	0.746	12.53
10)	T	1,1,2-Trichloro-1,2	0.513	0.395	0.402	0.406	0.391	0.421	12.29
11)	S	1,1-Dichloroethene-	0.884	0.755	0.770	0.799	0.765	0.795	6.63
12)	T	1,1-Dichloroethene	0.491	0.380	0.375	0.387	0.376	0.402	12.44
13)	T	Acetone	0.077	0.044	0.034	0.041	0.045	0.048	35.11
14)	T	Carbon disulfide	1.424	1.018	1.073	1.119	1.080	1.143	14.13
15)	T	Methyl Acetate	0.132	0.135	0.126	0.107	0.093	0.119	15.05
16)	T	Methylene chloride	0.613	0.513	0.498	0.440	0.450	0.503	13.72
17)	T	Methyl tert-butyl E	1.237	0.960	1.024	1.065	1.093	1.076	9.59
18)	T	trans-1,2-Dichloroe	0.625	0.476	0.493	0.509	0.517	0.524	11.14
19)	T	1,1-Dichloroethane	1.132	0.869	0.899	0.928	0.939	0.953	10.86
20)	S	2-Butanone-d5	0.108	0.097	0.095	0.103	0.123	0.105	10.62
21)	T	2-Butanone	0.140	0.104	0.099	0.106	0.128	0.115	15.24
22)	T	cis-1,2-Dichloroeth	0.618	0.487	0.514	0.534	0.553	0.541	9.14
23)	T	Bromochloromethane	0.310	0.215	0.223	0.227	0.234	0.242	15.93
24)	S	Chloroform-d	1.024	0.947	0.954	0.998	0.997	0.984	3.32
25)	T	Chloroform	1.284	0.965	0.931	0.931	0.927	1.008	15.41
26)	S	1,2-Dichloroethane-	0.488	0.466	0.451	0.463	0.465	0.467	2.81
27)	T	1,2-Dichloroethane	0.632	0.509	0.521	0.541	0.547	0.550	8.79
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.890	0.707	0.733	0.757	0.773	0.772	9.11
30)	T	Cyclohexane	0.809	0.657	0.771	0.854	0.894	0.797	11.41
31)	T	Carbon tetrachlorid	0.780	0.611	0.657	0.676	0.695	0.684	9.09
32)	S	Benzene-d6	1.879	1.785	1.871	1.984	2.019	1.908	4.93
33)	T	Benzene	2.220	1.775	1.973	2.041	2.059	2.013	8.01
34)	T	Trichloroethene	0.601	0.465	0.497	0.515	0.533	0.522	9.73
35)	T	Methylcyclohexane	0.753	0.646	0.797	0.880	0.931	0.801	13.90
36)	S	1,2-Dichloropropane	0.569	0.527	0.558	0.592	0.600	0.569	5.12
37)	T	1,2-Dichloropropane	0.524	0.444	0.490	0.510	0.516	0.497	6.49
38)	T	Bromodichloromethan	0.725	0.564	0.591	0.618	0.634	0.627	9.78
39)	T	cis-1,3-Dichloropro	0.658	0.550	0.652	0.697	0.763	0.664	11.71
40)	T	4-Methyl-2-pentanon	0.264	0.219	0.270	0.285	0.298	0.267	11.26
41)	S	Toluene-d8	1.516	1.503	1.768	1.843	1.859	1.698	10.31
42)	T	Toluene	2.117	1.796	2.088	2.154	2.193	2.070	7.63
43)	S	trans-1,3-Dichlorop	0.185	0.185	0.199	0.216	0.230	0.203	9.68
44)	T	trans-1,3-Dichlorop	0.519	0.429	0.504	0.535	0.568	0.511	10.11
45)	T	1,1,2-Trichloroetha	0.408	0.296	0.326	0.335	0.338	0.341	12.04
46)	S	2-Hexanone-d5	0.061	0.065	0.085	0.096	0.101	0.082	22.13
47)	T	Tetrachloroethene	0.512	0.417	0.441	0.454	0.458	0.457	7.68
48)	T	2-Hexanone	0.191	0.153	0.203	0.211	0.212	0.194	12.50
49)	T	Dibromochloromethan	0.441	0.368	0.396	0.410	0.425	0.408	6.86
50)	T	1,2-Dibromoethane	0.336	0.279	0.301	0.308	0.317	0.308	6.85
51)	T	Chlorobenzene	1.465	1.202	1.278	1.339	1.368	1.331	7.41
52)	T	Ethylbenzene	2.136	1.747	2.152	2.336	2.421	2.158	12.05

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.747	0.645	0.832	0.904	0.941	0.814	14.70
54)	T	o-xylene	0.756	0.624	0.805	0.874	0.898	0.791	13.82
55)	T	Styrene	1.218	0.980	1.372	1.495	1.529	1.319	17.08
56)	T	Isopropylbenzene	1.939	1.609	2.140	2.311	2.405	2.081	15.28
57)	S	1,1,2,2-Tetrachloro	0.425	0.382	0.394	0.415	0.416	0.407	4.43
58)	T	1,1,2,2-Tetrachloro	0.440	0.367	0.385	0.392	0.401	0.397	6.88
59)		1,2,3-Trichloroprop	0.334	0.245	0.274	0.289	0.292	0.287	11.23
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.489	0.399	0.370	0.379	0.395	0.406	11.74
62)	T	1,3-Dichlorobenzene	2.003	1.587	1.738	1.797	1.827	1.790	8.41
63)	T	1,4-Dichlorobenzene	2.013	1.592	1.720	1.774	1.820	1.784	8.62
64)	S	1,2-Dichlorobenzene	1.114	1.035	1.004	1.058	1.089	1.060	4.10
65)	T	1,2-Dichlorobenzene	1.967	1.564	1.603	1.656	1.691	1.696	9.39
66)	T	1,2-Dibromo-3-chlor	0.140	0.106	0.095	0.096	0.100	0.107	17.24
67)		1,3,5-Trichlorobenz	1.475	1.169	1.228	1.321	1.375	1.314	9.18
68)	T	1,2,4-trichlorobenz	1.283	0.947	1.070	1.160	1.267	1.145	12.26
69)		Naphthalene	1.985	1.343	1.563	1.873	2.076	1.768	17.35
70)	T	1,2,3-Trichlorobenz	1.422	0.915	1.033	1.127	1.172	1.134	16.65

(#) = Out of Range