Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVTR102919WMA.M
Title : TRACE VOA SOM01.0
Last Update : Wed Oct 30 02:20:33 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VV013390.D 1 =VV013391.D 5 =VV013392.D
10 =VV013393.D 20 =VV013394.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.712	0.637	0.686	0.682	0.638	0.671	4.86
3)	T	Chloromethane	0.594	0.521	0.584	0.581	0.545	0.565	5.41
4)	S	Vinyl Chloride-d3	0.509	0.446	0.495	0.491	0.446	0.477	6.25
5)	T	Vinyl chloride	0.570	0.518	0.567	0.558	0.528	0.548	4.26
6)	T	Bromomethane	0.300	0.264	0.305	0.310	0.296	0.295	6.14
7)	S	Chloroethane-d5	0.407	0.350	0.394	0.384	0.351	0.377	6.77
8)	T	Chloroethane	0.327	0.299	0.325	0.318	0.297	0.313	4.61
9)	T	Trichlorofluorometh	0.746	0.680	0.735	0.734	0.685	0.716	4.34
10)	T	1,1,2-Trichloro-1,2	0.406	0.388	0.418	0.406	0.382	0.400	3.68
11)	S	1,1-Dichloroethene-	0.821	0.710	0.810	0.798	0.728	0.773	6.58
12)	T	1,1-Dichloroethene	0.407	0.357	0.391	0.394	0.363	0.383	5.58
13)	T	Acetone	0.042	0.052	0.059	0.058	0.054	0.053	12.83
14)	T	Carbon disulfide	1.200	1.078	1.196	1.192	1.116	1.156	4.83
15)	T	Methyl Acetate	0.179	0.214	0.198	0.202	0.196	0.198	6.24
16)	T	Methylene chloride	0.714	0.542	0.525	0.513	0.477	0.554	16.67
17)	T	Methyl tert-butyl E	0.925	0.957	1.066	1.085	1.058	1.018	7.07
18)	T	trans-1,2-Dichloroe	0.539	0.484	0.525	0.513	0.487	0.509	4.66
19)	T	1,1-Dichloroethane	0.929	0.872	0.983	0.971	0.916	0.934	4.75
20)	S	2-Butanone-d5	0.098	0.091	0.117	0.120	0.115	0.108	12.14
21)	T	2-Butanone	0.093	0.095	0.129	0.132	0.127	0.115	16.83
22)	T	cis-1,2-Dichloroeth	0.499	0.468	0.536	0.542	0.523	0.514	5.98
23)	T	Bromochloromethane	0.249	0.222	0.231	0.232	0.220	0.231	4.99
24)	S	Chloroform-d	0.971	0.821	0.974	0.978	0.898	0.929	7.39
25)	T	Chloroform	1.142	0.955	0.995	0.964	0.893	0.990	9.38
26)	S	1,2-Dichloroethane-	0.489	0.426	0.483	0.485	0.443	0.465	6.20
27)	T	1,2-Dichloroethane	0.496	0.534	0.575	0.586	0.541	0.546	6.56
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.706	0.683	0.777	0.780	0.756	0.741	5.87
30)	T	Cyclohexane	0.655	0.644	0.830	0.879	0.880	0.778	15.28
31)	T	Carbon tetrachlorid	0.644	0.613	0.703	0.708	0.693	0.672	6.18
32)	S	Benzene-d6	1.722	1.457	1.864	1.902	1.792	1.747	10.08
33)	T	Benzene	1.654	1.639	2.032	2.044	1.973	1.868	10.94
34)	T	Trichloroethene	0.512	0.475	0.529	0.533	0.517	0.513	4.49
35)	T	Methylcyclohexane	0.631	0.609	0.825	0.876	0.884	0.765	17.56
36)	S	1,2-Dichloropropane	0.566	0.458	0.564	0.577	0.545	0.542	8.91
37)	T	1,2-Dichloropropane	0.443	0.413	0.504	0.509	0.493	0.472	8.99
38)	T	Bromodichloromethan	0.575	0.536	0.610	0.630	0.613	0.593	6.35
39)	T	cis-1,3-Dichloropro	0.537	0.514	0.679	0.726	0.735	0.638	16.48
40)	T	4-Methyl-2-pentanon	0.217	0.215	0.296	0.306	0.297	0.266	17.31
41)	S	Toluene-d8	1.476	1.283	1.763	1.798	1.688	1.602	13.58
42)	T	Toluene	1.696	1.644	2.138	2.177	2.086	1.948	13.18
43)	S	trans-1,3-Dichlorop	0.199	0.155	0.211	0.217	0.214	0.200	12.84
44)	T	trans-1,3-Dichlorop	0.451	0.426	0.530	0.557	0.557	0.504	12.19
45)	T	1,1,2-Trichloroetha	0.312	0.285	0.330	0.329	0.317	0.314	5.78
46)	S	2-Hexanone-d5	0.047	0.040	0.072	0.081	0.083	0.064	30.82
47)	T	Tetrachloroethene	0.425	0.396	0.449	0.458	0.445	0.435	5.73
48)	T	2-Hexanone	0.144	0.156	0.214	0.218	0.208	0.188	18.58
49)	T	Dibromochloromethan	0.379	0.345	0.402	0.415	0.403	0.389	7.13
50)	T	1,2-Dibromoethane	0.274	0.259	0.303	0.306	0.301	0.289	7.21
51)	T	Chlorobenzene	1.188	1.117	1.338	1.342	1.303	1.257	7.97
52)	T	Ethylbenzene	1.683	1.734	2.249	2.349	2.312	2.065	15.88

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.586	0.592	0.849	0.900	0.887	0.763	20.93
54)	T	o-xylene	0.582	0.587	0.809	0.858	0.854	0.738	19.17
55)	T	Styrene	0.910	0.923	1.436	1.492	1.457	1.243	24.08
56)	T	Isopropylbenzene	1.558	1.563	2.210	2.322	2.280	1.987	19.68
57)	S	1,1,2,2-Tetrachloro	0.350	0.303	0.375	0.376	0.356	0.352	8.43
58)	T	1,1,2,2-Tetrachloro	0.307	0.303	0.353	0.353	0.351	0.334	7.85
59)		1,2,3-Trichloroprop	0.252	0.265	0.281	0.288	0.273	0.272	5.24
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.374	0.339	0.369	0.378	0.370	0.366	4.31
62)	T	1,3-Dichlorobenzene	1.592	1.554	1.782	1.777	1.713	1.683	6.26
63)	T	1,4-Dichlorobenzene	1.682	1.569	1.757	1.744	1.689	1.688	4.39
64)	S	1,2-Dichlorobenzene	1.134	0.881	1.026	1.017	0.959	1.003	9.31
65)	T	1,2-Dichlorobenzene	1.557	1.475	1.619	1.605	1.539	1.559	3.68
66)	T	1,2-Dibromo-3-chlor	0.106	0.078	0.085	0.087	0.087	0.089	12.15
67)		1,3,5-Trichlorobenz	1.313	1.227	1.404	1.410	1.394	1.350	5.85
68)	T	1,2,4-trichlorobenz	0.905	0.895	1.097	1.146	1.182	1.045	13.01
69)		Naphthalene	1.086	1.097	1.468	1.681	1.821	1.431	23.34
70)	T	1,2,3-Trichlorobenz	0.795	0.810	1.015	1.057	1.070	0.949	14.32

(#) = Out of Range