Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVTR103119WMA.M
Title : TRACE VOA SOM01.0
Last Update : Fri Nov 01 05:06:04 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VV013450.D 1 =VV013445.D 5 =VV013446.D
10 =VV013447.D 20 =VV013448.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.647	0.535	0.636	0.577	0.587	0.597	7.62
3)	T	Chloromethane	0.526	0.430	0.538	0.474	0.491	0.492	8.76
4)	S	Vinyl Chloride-d3	0.389	0.377	0.379	0.343	0.353	0.368	5.20
5)	T	Vinyl chloride	0.575	0.422	0.533	0.473	0.487	0.498	11.77
6)	T	Bromomethane	0.259	0.197	0.241	0.227	0.247	0.234	10.04
7)	S	Chloroethane-d5	0.346	0.311	0.313	0.278	0.287	0.307	8.68
8)	T	Chloroethane	0.308	0.228	0.293	0.264	0.272	0.273	11.12
9)	T	Trichlorofluorometh	0.729	0.574	0.714	0.633	0.655	0.661	9.49
10)	T	1,1,2-Trichloro-1,2	0.444	0.331	0.396	0.353	0.360	0.377	11.73
11)	S	1,1-Dichloroethene-	0.732	0.632	0.686	0.619	0.626	0.659	7.41
12)	T	1,1-Dichloroethene	0.401	0.305	0.377	0.335	0.346	0.353	10.59
13)	T	Acetone	0.055	0.041	0.054	0.051	0.059	0.052	13.28
14)	T	Carbon disulfide	1.249	0.978	1.137	1.028	1.078	1.094	9.60
15)	T	Methyl Acetate	0.205	0.127	0.202	0.172	0.212	0.184	19.02
16)	T	Methylene chloride	0.691	0.555	0.506	0.448	0.466	0.533	18.29
17)	T	Methyl tert-butyl E	1.082	0.896	1.101	1.057	1.105	1.048	8.33
18)	T	trans-1,2-Dichloroe	0.509	0.420	0.487	0.456	0.467	0.468	7.15
19)	T	1,1-Dichloroethane	0.872	0.760	0.914	0.841	0.875	0.852	6.78
20)	S	2-Butanone-d5	0.104	0.109	0.107	0.122	0.129	0.114	9.34
21)	T	2-Butanone	0.094	0.094	0.125	0.132	0.140	0.117	18.70
22)	T	cis-1,2-Dichloroeth	0.528	0.436	0.504	0.482	0.512	0.492	7.29
23)	T	Bromochloromethane	0.238	0.203	0.224	0.213	0.222	0.220	5.94
24)	S	Chloroform-d	0.953	0.903	0.888	0.829	0.846	0.884	5.52
25)	T	Chloroform	1.174	0.879	0.935	0.844	0.866	0.940	14.40
26)	S	1,2-Dichloroethane-	0.513	0.460	0.461	0.428	0.437	0.460	7.21
27)	T	1,2-Dichloroethane	0.567	0.471	0.543	0.523	0.539	0.529	6.78
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.763	0.585	0.737	0.710	0.749	0.709	10.14
30)	T	Cyclohexane	0.744	0.599	0.810	0.814	0.865	0.766	13.44
31)	T	Carbon tetrachlorid	0.659	0.521	0.664	0.631	0.678	0.631	10.11
32)	S	Benzene-d6	1.684	1.589	1.688	1.614	1.691	1.653	2.92
33)	T	Benzene	1.781	1.447	1.913	1.818	1.929	1.778	10.98
34)	T	Trichloroethene	0.521	0.409	0.507	0.472	0.504	0.483	9.32
35)	T	Methylcyclohexane	0.746	0.570	0.784	0.791	0.851	0.749	14.22
36)	S	1,2-Dichloropropane	0.540	0.514	0.523	0.494	0.522	0.519	3.26
37)	T	1,2-Dichloropropane	0.453	0.369	0.472	0.457	0.476	0.445	9.88
38)	T	Bromodichloromethan	0.620	0.500	0.588	0.566	0.608	0.576	8.21
39)	T	cis-1,3-Dichloropro	0.586	0.507	0.656	0.658	0.716	0.624	12.83
40)	T	4-Methyl-2-pentanon	0.265	0.228	0.301	0.307	0.322	0.284	13.30
41)	S	Toluene-d8	1.571	1.451	1.584	1.509	1.565	1.536	3.63
42)	T	Toluene	1.835	1.554	1.982	1.886	1.986	1.849	9.55
43)	S	trans-1,3-Dichlorop	0.226	0.202	0.204	0.198	0.210	0.208	5.18
44)	T	trans-1,3-Dichlorop	0.458	0.390	0.527	0.507	0.560	0.488	13.53
45)	T	1,1,2-Trichloroetha	0.348	0.282	0.323	0.307	0.323	0.316	7.67
46)	S	2-Hexanone-d5	0.057	0.064	0.079	0.087	0.095	0.076	20.64
47)	T	Tetrachloroethene	0.462	0.361	0.419	0.401	0.429	0.415	8.99
48)	T	2-Hexanone	0.174	0.173	0.234	0.218	0.227	0.205	14.39
49)	T	Dibromochloromethan	0.401	0.326	0.405	0.382	0.413	0.385	9.10
50)	T	1,2-Dibromoethane	0.317	0.262	0.302	0.293	0.316	0.298	7.55
51)	T	Chlorobenzene	1.267	1.031	1.262	1.178	1.261	1.200	8.46
52)	T	Ethylbenzene	1.824	1.582	2.131	2.053	2.229	1.964	13.27

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.719	0.568	0.819	0.789	0.862	0.752	15.29
54)	T	o-xylene	0.652	0.562	0.800	0.753	0.835	0.720	15.56
55)	T	Styrene	1.105	0.878	1.389	1.311	1.446	1.226	19.03
56)	T	Isopropylbenzene	1.677	1.447	2.135	2.066	2.246	1.914	17.65
57)	S	1,1,2,2-Tetrachloro	0.431	0.383	0.401	0.383	0.393	0.398	4.92
58)	T	1,1,2,2-Tetrachloro	0.393	0.298	0.382	0.363	0.392	0.366	10.88
59)		1,2,3-Trichloroprop	0.315	0.248	0.305	0.280	0.295	0.288	9.10
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.364	0.332	0.391	0.366	0.385	0.368	6.34
62)	T	1,3-Dichlorobenzene	1.765	1.417	1.678	1.580	1.642	1.617	8.06
63)	T	1,4-Dichlorobenzene	1.843	1.478	1.673	1.564	1.644	1.640	8.31
64)	S	1,2-Dichlorobenzene	1.195	1.060	0.962	0.924	0.943	1.017	11.08
65)	T	1,2-Dichlorobenzene	1.580	1.390	1.562	1.451	1.486	1.494	5.27
66)	T	1,2-Dibromo-3-chlor	0.096	0.082	0.095	0.089	0.092	0.091	6.27
67)		1,3,5-Trichlorobenz	1.527	1.046	1.308	1.288	1.339	1.302	13.18
68)	T	1,2,4-trichlorobenz	1.294	0.874	1.046	1.064	1.154	1.087	14.17
69)		Naphthalene	1.605	1.127	1.558	1.734	1.942	1.593	18.83
70)	T	1,2,3-Trichlorobenz	1.135	0.787	1.008	1.014	1.062	1.001	13.01

(#) = Out of Range