Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVTR070219WMA.M
Title : TRACE VOA SOM01.0
Last Update : Wed Jul 03 08:12:00 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VV011798.D 1 =VV011799.D 5 =VV011800.D
10 =VV011801.D 20 =VV011802.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.422	0.467	0.519	0.499	0.479	0.477	7.65
3)	T	Chloromethane	0.470	0.470	0.492	0.480	0.461	0.475	2.44
4)	S	Vinyl Chloride-d3	0.289	0.325	0.360	0.365	0.344	0.337	9.22
5)	T	Vinyl chloride	0.391	0.441	0.478	0.472	0.451	0.447	7.76
6)	T	Bromomethane	0.218	0.229	0.244	0.244	0.235	0.234	4.67
7)	S	Chloroethane-d5	0.240	0.241	0.275	0.278	0.259	0.259	6.97
8)	T	Chloroethane	0.241	0.253	0.271	0.261	0.248	0.255	4.58
9)	T	Trichlorofluorometh	0.501	0.576	0.651	0.625	0.586	0.588	9.73
10)	T	1,1,2-Trichloro-1,2	0.294	0.325	0.350	0.341	0.328	0.328	6.48
11)	S	1,1-Dichloroethene-	0.599	0.608	0.702	0.708	0.673	0.658	7.83
12)	T	1,1-Dichloroethene	0.271	0.298	0.318	0.317	0.309	0.303	6.44
13)	T	Acetone	0.052	0.056	0.059	0.061	0.057	0.057	6.11
14)	T	Carbon disulfide	0.669	0.734	0.873	0.899	0.892	0.813	12.90
15)	T	Methyl Acetate	0.222	0.134	0.141	0.151	0.143	0.158	22.77
16)	T	Methylene chloride	0.434	0.378	0.352	0.327	0.318	0.362	12.92
17)	T	Methyl tert-butyl E	0.664	0.745	0.852	0.842	0.836	0.788	10.33
18)	T	trans-1,2-Dichloroe	0.290	0.340	0.363	0.364	0.356	0.343	8.96
19)	T	1,1-Dichloroethane	0.594	0.637	0.740	0.720	0.702	0.679	8.99
20)	S	2-Butanone-d5	0.067	0.071	0.090	0.096	0.092	0.083	16.10
21)	T	2-Butanone	0.075	0.082	0.102	0.105	0.101	0.093	14.34
22)	T	cis-1,2-Dichloroeth	0.305	0.338	0.394	0.400	0.391	0.366	11.46
23)	T	Bromochloromethane	0.132	0.149	0.166	0.155	0.157	0.152	8.23
24)	S	Chloroform-d	0.568	0.635	0.706	0.729	0.696	0.667	9.82
25)	T	Chloroform	0.729	0.716	0.758	0.730	0.703	0.727	2.79
26)	S	1,2-Dichloroethane-	0.309	0.321	0.364	0.383	0.357	0.347	8.95
27)	T	1,2-Dichloroethane	0.397	0.431	0.492	0.474	0.453	0.449	8.27
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.495	0.551	0.628	0.630	0.631	0.587	10.52
30)	T	Cyclohexane	0.511	0.561	0.677	0.685	0.697	0.626	13.49
31)	T	Carbon tetrachlorid	0.404	0.466	0.550	0.549	0.549	0.503	13.20
32)	S	Benzene-d6	1.144	1.178	1.396	1.452	1.393	1.312	10.74
33)	T	Benzene	1.249	1.378	1.631	1.616	1.569	1.488	11.28
34)	T	Trichloroethene	0.339	0.368	0.413	0.408	0.408	0.387	8.34
35)	T	Methylcyclohexane	0.513	0.559	0.690	0.697	0.709	0.634	14.36
36)	S	1,2-Dichloropropane	0.399	0.377	0.428	0.440	0.425	0.414	6.11
37)	T	1,2-Dichloropropane	0.323	0.363	0.418	0.400	0.403	0.381	10.09
38)	T	Bromodichloromethan	0.372	0.390	0.481	0.484	0.495	0.444	13.13
39)	T	cis-1,3-Dichloropro	0.382	0.406	0.566	0.581	0.607	0.508	20.77
40)	T	4-Methyl-2-pentanon	0.186	0.203	0.267	0.264	0.260	0.236	16.17
41)	S	Toluene-d8	0.954	1.069	1.296	1.357	1.308	1.197	14.66
42)	T	Toluene	1.223	1.419	1.760	1.749	1.711	1.572	15.29
43)	S	trans-1,3-Dichlorop	0.112	0.117	0.151	0.166	0.170	0.143	19.04
44)	T	trans-1,3-Dichlorop	0.272	0.325	0.431	0.461	0.472	0.392	22.68
45)	T	1,1,2-Trichloroetha	0.208	0.231	0.266	0.261	0.257	0.245	9.98
46)	S	2-Hexanone-d5	0.047	0.051	0.072	0.080	0.079	0.066	23.79
47)	T	Tetrachloroethene	0.256	0.289	0.333	0.324	0.322	0.305	10.57
48)	T	2-Hexanone	0.122	0.145	0.190	0.190	0.186	0.167	18.84
49)	T	Dibromochloromethan	0.194	0.216	0.285	0.297	0.307	0.260	19.73
50)	T	1,2-Dibromoethane	0.191	0.209	0.248	0.244	0.243	0.227	11.28
51)	T	Chlorobenzene	0.860	0.915	1.075	1.062	1.053	0.993	9.91
52)	T	Ethylbenzene	1.384	1.542	1.918	1.953	1.943	1.748	15.25

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.473	0.555	0.716	0.724	0.729	0.639	18.50
54)	T	o-xylene	0.466	0.518	0.691	0.699	0.705	0.616	18.62
55)	T	Styrene	0.697	0.871	1.160	1.203	1.208	1.028	22.54
56)	T	Isopropylbenzene	1.235	1.437	1.859	1.893	1.911	1.667	18.67
57)	S	1,1,2,2-Tetrachloro	0.259	0.261	0.306	0.322	0.310	0.292	10.03
58)	T	1,1,2,2-Tetrachloro	0.254	0.285	0.323	0.319	0.316	0.299	9.91
59)		1,2,3-Trichloroprop	0.196	0.202	0.239	0.237	0.228	0.221	9.06
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.212	0.242	0.282	0.293	0.306	0.267	14.60
62)	T	1,3-Dichlorobenzene	1.290	1.481	1.635	1.662	1.665	1.547	10.49
63)	T	1,4-Dichlorobenzene	1.360	1.561	1.652	1.652	1.673	1.580	8.25
64)	S	1,2-Dichlorobenzene	0.818	0.813	0.900	0.951	0.929	0.882	7.19
65)	T	1,2-Dichlorobenzene	1.222	1.434	1.548	1.557	1.544	1.461	9.77
66)	T	1,2-Dibromo-3-chlor	0.091	0.085	0.094	0.097	0.097	0.093	5.69
67)		1,3,5-Trichlorobenz	1.009	1.121	1.284	1.275	1.296	1.197	10.60
68)	T	1,2,4-trichlorobenz	0.777	0.876	1.034	1.051	1.094	0.966	13.89
69)		Naphthalene	1.048	1.261	1.652	1.815	1.920	1.539	24.16
70)	T	1,2,3-Trichlorobenz	0.691	0.835	0.978	0.984	0.990	0.896	14.68

(#) = Out of Range