Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SOMVTR071718WMA.M
Title : TRACE VOA SOM01.0
Last Update : Tue Jul 17 15:32:48 2018
Response Via : Initial Calibration

Calibration Files
0.5 =VV006613.D 1 =VV006614.D 5 =VV006615.D
10 =VV006616.D 20 =VV006617.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.511	0.529	0.503	0.514	0.482	0.508	3.43
3)	T	Chloromethane	0.528	0.553	0.559	0.584	0.596	0.564	4.73
4)	S	Vinyl Chloride-d3	0.542	0.481	0.471	0.472	0.467	0.487	6.45
5)	T	Vinyl chloride	0.588	0.613	0.597	0.613	0.593	0.601	1.94
6)	T	Bromomethane	0.258	0.268	0.258	0.247	0.164	0.239	17.86
7)	S	Chloroethane-d5	0.393	0.368	0.340	0.350	0.315	0.353	8.38
8)	T	Chloroethane	0.370	0.355	0.321	0.340	0.302	0.337	7.97
9)	T	Trichlorofluorometh	0.663	0.685	0.655	0.662	0.625	0.658	3.29
10)	T	1,1,2-Trichloro-1,2	0.392	0.406	0.396	0.397	0.375	0.393	2.92
11)	S	1,1-Dichloroethene-	0.879	0.837	0.804	0.805	0.779	0.821	4.67
12)	T	1,1-Dichloroethene	0.401	0.408	0.396	0.407	0.389	0.400	1.95
13)	T	Acetone	0.072	0.069	0.063	0.066	0.063	0.067	6.01
14)	T	Carbon disulfide	1.196	1.213	1.217	1.282	1.261	1.234	2.93
15)	T	Methyl Acetate	0.259	0.210	0.185	0.192	0.186	0.206	15.04
16)	T	Methylene chloride	0.624	0.531	0.449	0.459	0.441	0.501	15.48
17)	T	Methyl tert-butyl E	1.018	1.056	1.007	1.053	1.030	1.033	2.07
18)	T	trans-1,2-Dichloroe	0.434	0.441	0.438	0.450	0.437	0.440	1.34
19)	T	1,1-Dichloroethane	0.797	0.845	0.817	0.832	0.806	0.819	2.37
20)	S	2-Butanone-d5	0.074	0.071	0.060	0.063	0.066	0.067	8.34
21)	T	2-Butanone	0.116	0.115	0.115	0.123	0.116	0.117	2.97
22)	T	cis-1,2-Dichloroeth	0.438	0.462	0.458	0.479	0.474	0.462	3.47
23)	T	Bromochloromethane	0.174	0.185	0.191	0.196	0.195	0.188	4.77
24)	S	Chloroform-d	0.821	0.760	0.745	0.760	0.747	0.767	4.09
25)	T	Chloroform	0.748	0.786	0.756	0.778	0.759	0.765	2.08
26)	S	1,2-Dichloroethane-	0.402	0.374	0.363	0.373	0.362	0.375	4.28
27)	T	1,2-Dichloroethane	0.438	0.466	0.448	0.466	0.451	0.454	2.66
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.623	0.666	0.659	0.676	0.657	0.656	3.07
30)	T	Cyclohexane	0.700	0.678	0.701	0.723	0.697	0.700	2.30
31)	T	Carbon tetrachlorid	0.516	0.543	0.547	0.563	0.550	0.544	3.17
32)	S	Benzene-d6	1.873	1.733	1.669	1.702	1.658	1.727	5.02
33)	T	Benzene	1.804	1.926	1.899	1.951	1.874	1.891	2.98
34)	T	Trichloroethene	0.454	0.472	0.461	0.472	0.459	0.464	1.75
35)	T	Methylcyclohexane	0.679	0.710	0.746	0.780	0.751	0.733	5.35
36)	S	1,2-Dichloropropane	0.594	0.544	0.516	0.532	0.519	0.541	5.85
37)	T	1,2-Dichloropropane	0.465	0.481	0.476	0.485	0.477	0.477	1.55
38)	T	Bromodichloromethan	0.499	0.532	0.531	0.561	0.557	0.536	4.66
39)	T	cis-1,3-Dichloropro	0.551	0.585	0.633	0.688	0.696	0.631	10.00
40)	T	4-Methyl-2-pentanon	0.249	0.266	0.280	0.296	0.281	0.275	6.47
41)	S	Toluene-d8	1.645	1.561	1.562	1.582	1.538	1.577	2.58
42)	T	Toluene	1.779	1.922	1.965	2.020	1.948	1.927	4.67
43)	S	trans-1,3-Dichlorop	0.188	0.174	0.181	0.193	0.198	0.187	5.02
44)	T	trans-1,3-Dichlorop	0.399	0.451	0.494	0.547	0.557	0.490	13.54
45)	T	1,1,2-Trichloroetha	0.322	0.351	0.330	0.342	0.329	0.335	3.48
46)	S	2-Hexanone-d5	0.094	0.094	0.099	0.107	0.106	0.100	6.27
47)	T	Tetrachloroethene	0.363	0.378	0.377	0.373	0.361	0.370	2.15
48)	T	2-Hexanone	0.174	0.189	0.200	0.212	0.205	0.196	7.47
49)	T	Dibromochloromethan	0.292	0.317	0.342	0.372	0.374	0.339	10.46
50)	T	1,2-Dibromoethane	0.278	0.296	0.298	0.313	0.304	0.298	4.31
51)	T	Chlorobenzene	1.215	1.254	1.251	1.286	1.260	1.253	2.05
52)	T	Ethylbenzene	1.862	1.942	2.068	2.175	2.135	2.037	6.47

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.704	0.736	0.799	0.846	0.827	0.782	7.71
54)	T	o-xylene	0.670	0.706	0.781	0.830	0.822	0.762	9.32
55)	T	Styrene	1.097	1.204	1.358	1.445	1.431	1.307	11.58
56)	T	Isopropylbenzene	1.703	1.836	2.002	2.112	2.092	1.949	8.99
57)	S	1,1,2,2-Tetrachloro	0.437	0.423	0.409	0.423	0.413	0.421	2.58
58)	T	1,1,2,2-Tetrachloro	0.382	0.425	0.408	0.433	0.423	0.414	4.80
59)		1,2,3-Trichloroprop	0.277	0.304	0.296	0.309	0.298	0.297	4.14
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.338	0.364	0.367	0.386	0.396	0.370	6.10
62)	T	1,3-Dichlorobenzene	1.868	1.921	1.940	1.950	1.914	1.919	1.66
63)	T	1,4-Dichlorobenzene	1.942	1.983	1.958	1.970	1.934	1.957	1.01
64)	S	1,2-Dichlorobenzene	1.307	1.189	1.158	1.156	1.124	1.187	5.98
65)	T	1,2-Dichlorobenzene	1.838	1.930	1.923	1.912	1.852	1.891	2.25
66)	T	1,2-Dibromo-3-chlor	0.118	0.116	0.118	0.121	0.121	0.119	1.92
67)		1,3,5-Trichlorobenz	1.371	1.461	1.501	1.538	1.527	1.480	4.55
68)	T	1,2,4-trichlorobenz	1.121	1.194	1.227	1.282	1.319	1.229	6.28
69)		Naphthalene	1.956	2.044	2.281	2.521	2.598	2.280	12.40
70)	T	1,2,3-Trichlorobenz	1.062	1.128	1.180	1.232	1.240	1.168	6.37

(#) = Out of Range