

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
 Method File : SOMVTR082919WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Fri Aug 30 05:50:16 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VV012438.D 1 =VV012439.D 5 =VV012440.D
 10 =VV012441.D 20 =VV012442.D

Compound		0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.641	0.676	0.701	0.681	0.659	0.671	3.38
3) T	Chloromethane	0.665	0.712	0.662	0.645	0.621	0.661	5.08
4) S	Vinyl Chloride-d3	0.474	0.478	0.432	0.431	0.415	0.446	6.32
5) T	Vinyl chloride	0.629	0.674	0.619	0.611	0.588	0.624	5.04
6) T	Bromomethane	0.347	0.373	0.336	0.325	0.315	0.339	6.60
7) S	Chloroethane-d5	0.338	0.345	0.317	0.312	0.299	0.322	5.87
8) T	Chloroethane	0.356	0.349	0.333	0.326	0.311	0.335	5.40
9) T	Trichlorofluorometh	0.789	0.858	0.817	0.802	0.777	0.809	3.90
10) T	1,1,2-Trichloro-1,2	0.397	0.417	0.409	0.403	0.384	0.402	3.11
11) S	1,1-Dichloroethene-	0.773	0.763	0.719	0.713	0.689	0.731	4.86
12) T	1,1-Dichloroethene	0.387	0.388	0.377	0.381	0.362	0.379	2.79
13) T	Acetone	0.077	0.065	0.065	0.064	0.060	0.066	9.73
14) T	Carbon disulfide	1.170	1.205	1.164	1.146	1.106	1.158	3.12
15) T	Methyl Acetate	0.158	0.174	0.167	0.161	0.157	0.163	4.24
16) T	Methylene chloride	0.514	0.495	0.400	0.387	0.371	0.433	15.23
17) T	Methyl tert-butyl E	0.983	1.054	1.067	1.062	1.041	1.041	3.29
18) T	trans-1,2-Dichloroe	0.486	0.495	0.493	0.477	0.475	0.485	1.84
19) T	1,1-Dichloroethane	0.928	0.977	0.968	0.957	0.921	0.950	2.59
20) S	2-Butanone-d5	0.083	0.087	0.094	0.095	0.095	0.091	6.12
21) T	2-Butanone	0.107	0.114	0.129	0.129	0.131	0.122	8.93
22) T	cis-1,2-Dichloroeth	0.471	0.494	0.525	0.526	0.525	0.508	4.92
23) T	Bromochloromethane	0.207	0.236	0.227	0.222	0.212	0.221	5.21
24) S	Chloroform-d	0.809	0.787	0.769	0.744	0.719	0.765	4.61
25) T	Chloroform	1.090	1.067	0.977	0.945	0.898	0.995	8.17
26) S	1,2-Dichloroethane-	0.397	0.388	0.370	0.359	0.347	0.372	5.44
27) T	1,2-Dichloroethane	0.531	0.567	0.575	0.569	0.549	0.558	3.23

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.771	0.811	0.845	0.812	0.812	0.810	3.24
30) T	Cyclohexane	0.686	0.708	0.855	0.904	0.929	0.816	13.79
31) T	Carbon tetrachlorid	0.682	0.711	0.727	0.726	0.717	0.712	2.59
32) S	Benzene-d6	1.440	1.448	1.529	1.532	1.523	1.494	3.10
33) T	Benzene	1.837	2.042	2.182	2.156	2.132	2.070	6.77
34) T	Trichloroethene	0.499	0.518	0.546	0.535	0.539	0.527	3.62
35) T	Methylcyclohexane	0.640	0.680	0.853	0.913	0.926	0.802	16.66
36) S	1,2-Dichloropropane	0.473	0.484	0.473	0.471	0.470	0.474	1.21
37) T	1,2-Dichloropropane	0.525	0.521	0.561	0.550	0.542	0.540	3.07
38) T	Bromodichloromethan	0.675	0.645	0.690	0.675	0.672	0.671	2.43
39) T	cis-1,3-Dichloropro	0.538	0.641	0.741	0.771	0.801	0.698	15.46
40) T	4-Methyl-2-pentanone	0.243	0.279	0.333	0.341	0.334	0.306	14.20
41) S	Toluene-d8	1.175	1.269	1.432	1.431	1.422	1.346	8.75
42) T	Toluene	1.717	2.014	2.305	2.304	2.253	2.119	12.02
43) S	trans-1,3-Dichlorop	0.151	0.157	0.170	0.179	0.181	0.168	7.92
44) T	trans-1,3-Dichlorop	0.447	0.496	0.570	0.586	0.614	0.543	12.70
45) T	1,1,2-Trichloroetha	0.362	0.360	0.359	0.359	0.350	0.358	1.35
46) S	2-Hexanone-d5	0.048	0.056	0.068	0.076	0.080	0.066	20.14
47) T	Tetrachloroethene	0.384	0.416	0.439	0.439	0.432	0.422	5.46
48) T	2-Hexanone	0.146	0.185	0.237	0.236	0.237	0.208	19.74
49) T	Dibromochloromethan	0.370	0.401	0.433	0.429	0.428	0.412	6.50
50) T	1,2-Dibromoethane	0.284	0.317	0.331	0.325	0.324	0.316	5.96
51) T	Chlorobenzene	1.232	1.295	1.396	1.397	1.391	1.343	5.60
52) T	Ethylbenzene	1.750	1.972	2.424	2.519	2.530	2.239	15.91

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-xylene	0.583	0.693	0.926	0.947	0.956	0.821	20.94
54) T	o-xylene	0.610	0.681	0.870	0.914	0.932	0.801	18.28
55) T	Styrene	0.952	1.084	1.541	1.571	1.579	1.345	22.52
56) T	Isopropylbenzene	1.485	1.765	2.348	2.457	2.495	2.110	21.64
57) S	1,1,2,2-Tetrachloro	0.338	0.335	0.339	0.336	0.334	0.336	0.64
58) T	1,1,2,2-Tetrachloro	0.395	0.433	0.433	0.428	0.417	0.421	3.77
59)	1,2,3-Trichloroprop	0.283	0.308	0.305	0.304	0.299	0.300	3.37
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.464	0.477	0.464	0.460	0.460	0.465	1.49
62) T	1,3-Dichlorobenzene	1.895	2.024	2.193	2.187	2.163	2.092	6.22
63) T	1,4-Dichlorobenzene	1.876	2.150	2.170	2.158	2.128	2.096	5.93
64) S	1,2-Dichlorobenzene	1.008	0.992	0.938	0.967	0.959	0.973	2.86
65) T	1,2-Dichlorobenzene	1.870	1.960	2.019	2.034	1.981	1.973	3.28
66) T	1,2-Dibromo-3-chlor	0.130	0.148	0.130	0.127	0.129	0.133	6.52
67)	1,3,5-Trichlorobenz	1.353	1.461	1.609	1.682	1.701	1.561	9.60
68) T	1,2,4-trichlorobenz	0.868	0.959	1.198	1.306	1.392	1.145	19.61
69)	Naphthalene	0.958	1.185	1.733	2.102	2.304	1.656	34.86
70) T	1,2,3-Trichlorobenz	0.818	0.950	1.177	1.269	1.283	1.100	18.76

(#) = Out of Range