

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
 Method File : SOMVTR081319WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Wed Aug 14 02:19:15 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VV012214.D 1 =VV012215.D 5 =VV012216.D
 10 =VV012217.D 20 =VV012218.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.475	0.449	0.508	0.478	0.490	0.480	4.46
3) T	Chloromethane	0.453	0.416	0.442	0.428	0.434	0.435	3.26
4) S	Vinyl Chloride-d3	0.380	0.298	0.288	0.289	0.286	0.308	13.10
5) T	Vinyl chloride	0.458	0.433	0.461	0.437	0.443	0.447	2.88
6) T	Bromomethane	0.264	0.236	0.254	0.250	0.258	0.252	4.14
7) S	Chloroethane-d5	0.266	0.231	0.227	0.225	0.228	0.235	7.30
8) T	Chloroethane	0.268	0.242	0.271	0.252	0.254	0.258	4.77
9) T	Trichlorofluorometh	0.578	0.546	0.579	0.545	0.561	0.562	2.90
10) T	1,1,2-Trichloro-1,2	0.304	0.255	0.280	0.274	0.307	0.284	7.66
11) S	1,1-Dichloroethene-	0.603	0.449	0.463	0.477	0.530	0.504	12.53
12) T	1,1-Dichloroethene	0.293	0.229	0.251	0.256	0.286	0.263	10.10
13) T	Acetone	0.048	0.039	0.039	0.038	0.043	0.041	9.76
14) T	Carbon disulfide	0.772	0.741	0.735	0.725	0.879	0.770	8.22
15) T	Methyl Acetate	0.140	0.092	0.096	0.087	0.109	0.105	20.40
16) T	Methylene chloride	0.324	0.310	0.262	0.238	0.285	0.284	12.29
17) T	Methyl tert-butyl E	0.672	0.724	0.722	0.689	0.816	0.725	7.67
18) T	trans-1,2-Dichloroe	0.345	0.356	0.350	0.327	0.377	0.351	5.23
19) T	1,1-Dichloroethane	0.667	0.606	0.654	0.611	0.675	0.643	5.01
20) S	2-Butanone-d5	0.067	0.058	0.068	0.068	0.072	0.067	7.57
21) T	2-Butanone	0.074	0.074	0.091	0.090	0.094	0.085	11.62
22) T	cis-1,2-Dichloroeth	0.385	0.348	0.407	0.389	0.410	0.388	6.40
23) T	Bromochloromethane	0.161	0.156	0.173	0.166	0.170	0.165	4.12
24) S	Chloroform-d	0.666	0.590	0.596	0.597	0.601	0.610	5.19
25) T	Chloroform	0.831	0.729	0.712	0.684	0.692	0.730	8.16
26) S	1,2-Dichloroethane-	0.329	0.272	0.286	0.275	0.280	0.289	8.08
27) T	1,2-Dichloroethane	0.395	0.374	0.419	0.403	0.413	0.401	4.41

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.600	0.566	0.639	0.616	0.637	0.612	4.89
30) T	Cyclohexane	0.572	0.523	0.643	0.632	0.675	0.609	10.00
31) T	Carbon tetrachlorid	0.548	0.505	0.581	0.556	0.578	0.553	5.51
32) S	Benzene-d6	1.427	1.142	1.251	1.243	1.265	1.266	8.09
33) T	Benzene	1.433	1.357	1.605	1.550	1.597	1.508	7.23
34) T	Trichloroethene	0.440	0.373	0.420	0.395	0.415	0.409	6.23
35) T	Methylcyclohexane	0.574	0.533	0.679	0.672	0.716	0.635	12.24
36) S	1,2-Dichloropropane	0.444	0.334	0.362	0.358	0.366	0.373	11.16
37) T	1,2-Dichloropropane	0.381	0.338	0.396	0.378	0.388	0.376	5.95
38) T	Bromodichloromethan	0.491	0.441	0.501	0.485	0.506	0.485	5.36
39) T	cis-1,3-Dichloropro	0.462	0.416	0.559	0.556	0.598	0.518	14.62
40) T	4-Methyl-2-pentanone	0.180	0.167	0.229	0.223	0.236	0.207	15.11
41) S	Toluene-d8	1.258	0.984	1.165	1.167	1.202	1.155	8.92
42) T	Toluene	1.478	1.383	1.735	1.679	1.748	1.605	10.25
43) S	trans-1,3-Dichlorop	0.145	0.138	0.139	0.141	0.151	0.143	3.67
44) T	trans-1,3-Dichlorop	0.368	0.351	0.422	0.432	0.466	0.408	11.55
45) T	1,1,2-Trichloroetha	0.246	0.217	0.268	0.256	0.268	0.251	8.32
46) S	2-Hexanone-d5	0.038	0.031	0.049	0.053	0.058	0.046	24.14
47) T	Tetrachloroethene	0.326	0.309	0.356	0.340	0.353	0.337	5.82
48) T	2-Hexanone	0.124	0.113	0.165	0.160	0.167	0.146	17.24
49) T	Dibromochloromethan	0.299	0.266	0.328	0.324	0.340	0.312	9.42
50) T	1,2-Dibromoethane	0.231	0.223	0.256	0.245	0.256	0.242	6.06
51) T	Chlorobenzene	1.022	0.946	1.091	1.036	1.100	1.039	5.96
52) T	Ethylbenzene	1.478	1.443	1.835	1.827	1.967	1.710	13.72

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-xylene	0.562	0.534	0.714	0.713	0.760	0.657	15.47
54) T	o-xylene	0.526	0.496	0.677	0.676	0.732	0.621	16.70
55) T	Styrene	0.821	0.805	1.163	1.167	1.237	1.039	20.04
56) T	Isopropylbenzene	1.426	1.322	1.790	1.817	1.954	1.662	16.40
57) S	1,1,2,2-Tetrachloro	0.282	0.231	0.261	0.259	0.265	0.260	7.07
58) T	1,1,2,2-Tetrachloro	0.278	0.250	0.311	0.302	0.316	0.291	9.41
59)	1,2,3-Trichloroprop	0.198	0.193	0.228	0.220	0.228	0.213	7.87
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.304	0.287	0.346	0.324	0.350	0.322	8.35
62) T	1,3-Dichlorobenzene	1.668	1.499	1.766	1.657	1.731	1.664	6.17
63) T	1,4-Dichlorobenzene	1.701	1.522	1.738	1.631	1.702	1.659	5.17
64) S	1,2-Dichlorobenzene	1.002	0.787	0.815	0.805	0.823	0.846	10.42
65) T	1,2-Dichlorobenzene	1.550	1.365	1.613	1.532	1.576	1.527	6.25
66) T	1,2-Dibromo-3-chlor	0.108	0.093	0.094	0.092	0.098	0.097	6.68
67)	1,3,5-Trichlorobenz	1.242	1.106	1.313	1.271	1.353	1.257	7.51
68) T	1,2,4-trichlorobenz	0.802	0.745	0.985	1.013	1.126	0.934	16.82
69)	Naphthalene	0.967	0.841	1.459	1.619	1.866	1.350	32.21
70) T	1,2,3-Trichlorobenz	0.760	0.731	0.956	0.943	1.021	0.882	14.59

(#) = Out of Range