

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
 Method File : SOMVTR050119WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Thu May 02 08:06:50 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VV010600.D 1 =VV010601.D 5 =VV010602.D
 10 =VV010603.D 20 =VV010604.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.455	0.444	0.455	0.464	0.459	0.455	1.56
3) T	Chloromethane	0.385	0.384	0.383	0.412	0.370	0.387	3.99
4) S	Vinyl Chloride-d3	0.308	0.299	0.278	0.309	0.274	0.294	5.65
5) T	Vinyl chloride	0.393	0.382	0.388	0.423	0.369	0.391	5.16
6) T	Bromomethane	0.245	0.243	0.237	0.258	0.194	0.235	10.35
7) S	Chloroethane-d5	0.189	0.197	0.207	0.205	0.148	0.189	12.75
8) T	Chloroethane	0.172	0.192	0.178	0.182	0.131	0.171	13.67
9) T	Trichlorofluorometh	0.601	0.576	0.637	0.673	0.636	0.625	5.95
10) T	1,1,2-Trichloro-1,2	0.313	0.318	0.334	0.360	0.317	0.328	5.94
11) S	1,1-Dichloroethene-	0.579	0.589	0.564	0.635	0.561	0.586	5.09
12) T	1,1-Dichloroethene	0.290	0.294	0.297	0.319	0.291	0.298	4.06
13) T	Acetone	0.046	0.042	0.039	0.043	0.036	0.041	9.46
14) T	Carbon disulfide	0.775	0.792	0.816	0.891	0.808	0.817	5.45
15) T	Methyl Acetate	0.146	0.119	0.123	0.126	0.120	0.127	8.76
16) T	Methylene chloride	0.375	0.354	0.353	0.357	0.342	0.356	3.33
17) T	Methyl tert-butyl E	0.676	0.652	0.695	0.765	0.755	0.708	7.01
18) T	trans-1,2-Dichloroe	0.323	0.326	0.341	0.364	0.355	0.342	5.27
19) T	1,1-Dichloroethane	0.592	0.568	0.645	0.683	0.641	0.626	7.26
20) S	2-Butanone-d5	0.060	0.060	0.071	0.080	0.074	0.069	12.28
21) T	2-Butanone	0.059	0.055	0.074	0.082	0.078	0.070	16.95
22) T	cis-1,2-Dichloroeth	0.356	0.321	0.368	0.399	0.391	0.367	8.47
23) T	Bromochloromethane	0.162	0.136	0.154	0.167	0.158	0.155	7.52
24) S	Chloroform-d	0.653	0.613	0.651	0.700	0.664	0.656	4.76
25) T	Chloroform	0.654	0.637	0.666	0.718	0.669	0.669	4.55
26) S	1,2-Dichloroethane-	0.331	0.312	0.306	0.333	0.315	0.319	3.80
27) T	1,2-Dichloroethane	0.380	0.356	0.371	0.416	0.392	0.383	5.91

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.531	0.532	0.608	0.593	0.607	0.574	6.90
30) T	Cyclohexane	0.486	0.494	0.560	0.568	0.595	0.540	8.93
31) T	Carbon tetrachlorid	0.456	0.479	0.540	0.539	0.555	0.514	8.46
32) S	Benzene-d6	1.248	1.181	1.315	1.311	1.357	1.283	5.36
33) T	Benzene	1.257	1.270	1.461	1.419	1.483	1.378	7.78
34) T	Trichloroethene	0.380	0.370	0.399	0.385	0.405	0.388	3.64
35) T	Methylcyclohexane	0.509	0.491	0.571	0.594	0.645	0.562	11.17
36) S	1,2-Dichloropropane	0.361	0.374	0.399	0.381	0.402	0.383	4.51
37) T	1,2-Dichloropropane	0.299	0.323	0.361	0.343	0.357	0.337	7.59
38) T	Bromodichloromethan	0.378	0.389	0.456	0.454	0.469	0.429	9.78
39) T	cis-1,3-Dichloropro	0.389	0.361	0.468	0.514	0.550	0.456	17.66
40) T	4-Methyl-2-pentanone	0.167	0.160	0.201	0.199	0.197	0.185	10.68
41) S	Toluene-d8	1.201	1.086	1.284	1.299	1.361	1.246	8.51
42) T	Toluene	1.350	1.363	1.665	1.656	1.673	1.541	10.98
43) S	trans-1,3-Dichlorop	0.121	0.114	0.143	0.145	0.158	0.136	13.34
44) T	trans-1,3-Dichlorop	0.319	0.274	0.370	0.395	0.421	0.356	16.58
45) T	1,1,2-Trichloroetha	0.239	0.224	0.240	0.245	0.248	0.239	3.79
46) S	2-Hexanone-d5	0.049	0.047	0.059	0.053	0.064	0.054	12.70
47) T	Tetrachloroethene	0.294	0.284	0.317	0.312	0.324	0.306	5.44
48) T	2-Hexanone	0.118	0.110	0.147	0.148	0.140	0.133	13.29
49) T	Dibromochloromethan	0.230	0.241	0.295	0.305	0.321	0.279	14.42
50) T	1,2-Dibromoethane	0.174	0.198	0.230	0.232	0.235	0.214	12.66
51) T	Chlorobenzene	0.916	0.921	1.046	1.063	1.064	1.002	7.64
52) T	Ethylbenzene	1.376	1.408	1.738	1.810	1.842	1.635	13.78

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-xylene	0.458	0.534	0.671	0.733	0.734	0.626	19.85
54) T	o-xylene	0.511	0.482	0.654	0.697	0.704	0.610	17.31
55) T	Styrene	0.780	0.810	1.112	1.171	1.183	1.011	19.70
56) T	Isopropylbenzene	1.256	1.280	1.701	1.811	1.861	1.582	18.49
57) S	1,1,2,2-Tetrachloro	0.285	0.278	0.287	0.287	0.293	0.286	1.88
58) T	1,1,2,2-Tetrachloro	0.254	0.250	0.284	0.280	0.284	0.270	6.30
59)	1,2,3-Trichloroprop	0.176	0.160	0.211	0.208	0.202	0.191	11.51
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.303	0.255	0.305	0.317	0.327	0.301	9.16
62) T	1,3-Dichlorobenzene	1.504	1.492	1.669	1.673	1.685	1.604	6.08
63) T	1,4-Dichlorobenzene	1.450	1.495	1.696	1.674	1.679	1.599	7.31
64) S	1,2-Dichlorobenzene	0.948	0.856	0.959	0.974	0.960	0.939	5.05
65) T	1,2-Dichlorobenzene	1.425	1.427	1.579	1.617	1.578	1.525	6.04
66) T	1,2-Dibromo-3-chlor	0.080	0.088	0.096	0.086	0.087	0.087	6.21
67)	1,3,5-Trichlorobenz	1.108	1.135	1.223	1.270	1.283	1.204	6.56
68) T	1,2,4-trichlorobenz	0.842	0.773	0.903	0.971	1.026	0.903	11.13
69)	Naphthalene	1.077	1.018	1.437	1.603	1.772	1.381	23.74
70) T	1,2,3-Trichlorobenz	0.680	0.657	0.859	0.897	0.934	0.805	15.86

(#) = Out of Range