

Method Path : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOMVTR060419WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Tue Jun 04 15:14:23 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VV011202.D 1 =VV011203.D 5 =VV011204.D
 10 =VV011205.D 20 =VV011206.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.538	0.505	0.476	0.487	0.459	0.493	6.13
3) T	Chloromethane	0.548	0.494	0.463	0.441	0.437	0.477	9.68
4) S	Vinyl Chloride-d3	0.421	0.390	0.368	0.360	0.356	0.379	7.09
5) T	Vinyl chloride	0.494	0.474	0.452	0.448	0.431	0.460	5.34
6) T	Bromomethane	0.265	0.258	0.233	0.221	0.219	0.239	8.84
7) S	Chloroethane-d5	0.364	0.318	0.297	0.292	0.303	0.315	9.35
8) T	Chloroethane	0.330	0.299	0.285	0.273	0.284	0.294	7.50
9) T	Trichlorofluorometh	0.686	0.662	0.609	0.624	0.576	0.631	6.85
10) T	1,1,2-Trichloro-1,2	0.358	0.327	0.317	0.315	0.303	0.324	6.42
11) S	1,1-Dichloroethene-	0.779	0.799	0.746	0.744	0.717	0.757	4.22
12) T	1,1-Dichloroethene	0.341	0.348	0.295	0.300	0.290	0.315	8.74
13) T	Acetone	0.064	0.058	0.056	0.055	0.053	0.057	7.80
14) T	Carbon disulfide	1.042	0.974	0.917	0.940	0.905	0.956	5.73
15) T	Methyl Acetate	0.194	0.152	0.142	0.139	0.133	0.152	16.11
16) T	Methylene chloride	0.356	0.348	0.311	0.307	0.301	0.325	7.77
17) T	Methyl tert-butyl E	0.889	0.859	0.826	0.816	0.815	0.841	3.81
18) T	trans-1,2-Dichloroe	0.369	0.363	0.348	0.350	0.334	0.353	3.96
19) T	1,1-Dichloroethane	0.778	0.692	0.672	0.687	0.650	0.696	6.99
20) S	2-Butanone-d5	0.085	0.084	0.088	0.085	0.084	0.085	2.12
21) T	2-Butanone	0.083	0.087	0.088	0.092	0.090	0.088	3.50
22) T	cis-1,2-Dichloroeth	0.430	0.403	0.372	0.378	0.369	0.391	6.58
23) T	Bromochloromethane	0.171	0.144	0.150	0.144	0.140	0.150	8.11
24) S	Chloroform-d	0.700	0.650	0.665	0.651	0.666	0.667	3.06
25) T	Chloroform	0.761	0.781	0.698	0.698	0.656	0.719	7.09
26) S	1,2-Dichloroethane-	0.383	0.365	0.362	0.349	0.344	0.360	4.27
27) T	1,2-Dichloroethane	0.481	0.454	0.423	0.425	0.413	0.439	6.33

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.699	0.670	0.609	0.615	0.595	0.638	6.98
30) T	Cyclohexane	0.793	0.725	0.671	0.692	0.653	0.707	7.81
31) T	Carbon tetrachlorid	0.566	0.550	0.505	0.531	0.512	0.533	4.80
32) S	Benzene-d6	1.624	1.562	1.458	1.432	1.403	1.496	6.24
33) T	Benzene	1.717	1.634	1.571	1.545	1.487	1.591	5.53
34) T	Trichloroethene	0.442	0.427	0.396	0.404	0.387	0.411	5.52
35) T	Methylcyclohexane	0.759	0.716	0.639	0.653	0.631	0.680	8.15
36) S	1,2-Dichloropropane	0.512	0.482	0.449	0.430	0.431	0.461	7.67
37) T	1,2-Dichloropropane	0.434	0.401	0.385	0.381	0.379	0.396	5.85
38) T	Bromodichloromethan	0.512	0.497	0.472	0.484	0.484	0.490	3.13
39) T	cis-1,3-Dichloropro	0.608	0.553	0.570	0.576	0.590	0.579	3.57
40) T	4-Methyl-2-pentan	0.259	0.261	0.247	0.248	0.246	0.252	2.89
41) S	Toluene-d8	1.468	1.401	1.360	1.337	1.303	1.374	4.62
42) T	Toluene	1.798	1.748	1.669	1.677	1.587	1.696	4.75
43) S	trans-1,3-Dichlorop	0.178	0.178	0.172	0.174	0.175	0.176	1.66
44) T	trans-1,3-Dichlorop	0.447	0.429	0.426	0.450	0.450	0.440	2.65
45) T	1,1,2-Trichloroetha	0.276	0.259	0.243	0.249	0.241	0.253	5.67
46) S	2-Hexanone-d5	0.077	0.077	0.074	0.072	0.071	0.074	3.49
47) T	Tetrachloroethene	0.318	0.311	0.285	0.296	0.276	0.297	5.91
48) T	2-Hexanone	0.173	0.171	0.177	0.179	0.180	0.176	2.13
49) T	Dibromochloromethan	0.284	0.282	0.287	0.292	0.295	0.288	1.85
50) T	1,2-Dibromoethane	0.255	0.252	0.238	0.233	0.227	0.241	5.19
51) T	Chlorobenzene	1.127	1.050	1.008	1.013	0.972	1.034	5.67
52) T	Ethylbenzene	1.961	1.927	1.844	1.889	1.794	1.883	3.51

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-xylene	0.716	0.717	0.680	0.700	0.669	0.696	3.07
54) T	o-xylene	0.714	0.690	0.675	0.683	0.655	0.683	3.14
55) T	Styrene	1.103	1.098	1.133	1.133	1.098	1.113	1.65
56) T	Isopropylbenzene	1.965	1.852	1.778	1.842	1.761	1.839	4.36
57) S	1,1,2,2-Tetrachloro	0.339	0.325	0.305	0.301	0.302	0.314	5.43
58) T	1,1,2,2-Tetrachloro	0.329	0.313	0.302	0.299	0.293	0.307	4.71
59)	1,2,3-Trichloroprop	0.252	0.240	0.224	0.220	0.218	0.231	6.42
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.285	0.311	0.292	0.299	0.315	0.300	4.30
62) T	1,3-Dichlorobenzene	1.809	1.712	1.601	1.589	1.556	1.653	6.34
63) T	1,4-Dichlorobenzene	1.707	1.698	1.527	1.568	1.524	1.605	5.68
64) S	1,2-Dichlorobenzene	1.069	1.046	0.978	0.927	0.915	0.987	6.98
65) T	1,2-Dichlorobenzene	1.586	1.654	1.490	1.477	1.434	1.528	5.88
66) T	1,2-Dibromo-3-chlor	0.120	0.115	0.102	0.103	0.107	0.110	7.19
67)	1,3,5-Trichlorobenz	1.231	1.226	1.153	1.186	1.152	1.189	3.21
68) T	1,2,4-trichlorobenz	0.866	0.873	0.877	0.945	0.954	0.903	4.70
69)	Naphthalene	1.228	1.312	1.475	1.640	1.736	1.478	14.45
70) T	1,2,3-Trichlorobenz	0.759	0.763	0.818	0.855	0.854	0.810	5.79

(#) = Out of Range