

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMUTR070219WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Wed Jul 03 01:44:43 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VU033127.D 1 =VU033128.D 5 =VU033129.D
 10 =VU033130.D 20 =VU033131.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.521	0.508	0.506	0.503	0.524	0.512	1.86
3) T	Chloromethane	0.513	0.494	0.483	0.474	0.505	0.494	3.22
4) S	Vinyl Chloride-d3	0.278	0.265	0.294	0.299	0.311	0.289	6.20
5) T	Vinyl chloride	0.502	0.476	0.477	0.474	0.497	0.485	2.77
6) T	Bromomethane	0.251	0.284	0.284	0.283	0.288	0.278	5.59
7) S	Chloroethane-d5	0.259	0.239	0.261	0.292	0.272	0.265	7.35
8) T	Chloroethane	0.296	0.291	0.289	0.304	0.294	0.295	1.98
9) T	Trichlorofluorometh	0.672	0.675	0.699	0.691	0.728	0.693	3.22
10) T	1,1,2-Trichloro-1,2	0.357	0.361	0.358	0.353	0.372	0.360	2.03
11) S	1,1-Dichloroethene-	0.721	0.599	0.683	0.691	0.715	0.682	7.22
12) T	1,1-Dichloroethene	0.325	0.318	0.326	0.322	0.340	0.326	2.60
13) T	Acetone	0.093	0.082	0.081	0.082	0.085	0.085	5.93
14) T	Carbon disulfide	1.095	1.057	1.062	1.051	1.113	1.076	2.52
15) T	Methyl Acetate	0.213	0.190	0.195	0.198	0.207	0.201	4.70
16) T	Methylene chloride	0.427	0.385	0.375	0.356	0.375	0.384	6.89
17) T	Methyl tert-butyl E	0.934	0.938	0.923	0.938	0.994	0.945	2.97
18) T	trans-1,2-Dichloroe	0.370	0.366	0.352	0.343	0.369	0.360	3.26
19) T	1,1-Dichloroethane	0.726	0.722	0.711	0.713	0.742	0.723	1.70
20) S	2-Butanone-d5	0.096	0.088	0.107	0.116	0.119	0.105	12.50
21) T	2-Butanone	0.112	0.118	0.123	0.126	0.133	0.123	6.50
22) T	cis-1,2-Dichloroeth	0.378	0.382	0.403	0.399	0.428	0.398	4.97
23) T	Bromochloromethane	0.166	0.194	0.186	0.186	0.194	0.185	6.10
24) S	Chloroform-d	0.688	0.591	0.683	0.710	0.723	0.679	7.64
25) T	Chloroform	0.927	0.816	0.756	0.730	0.768	0.799	9.75
26) S	1,2-Dichloroethane-	0.414	0.356	0.384	0.396	0.410	0.392	6.01
27) T	1,2-Dichloroethane	0.509	0.512	0.509	0.513	0.544	0.518	2.92

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.631	0.669	0.642	0.624	0.654	0.644	2.82
30) T	Cyclohexane	0.545	0.564	0.582	0.601	0.647	0.588	6.67
31) T	Carbon tetrachlorid	0.562	0.579	0.564	0.575	0.603	0.577	2.84
32) S	Benzene-d6	1.161	1.038	1.214	1.285	1.302	1.200	8.89
33) T	Benzene	1.396	1.448	1.484	1.490	1.549	1.473	3.82
34) T	Trichloroethene	0.386	0.398	0.404	0.402	0.419	0.402	2.93
35) T	Methylcyclohexane	0.543	0.538	0.600	0.631	0.678	0.598	9.91
36) S	1,2-Dichloropropane	0.390	0.366	0.399	0.419	0.421	0.399	5.68
37) T	1,2-Dichloropropane	0.404	0.399	0.408	0.402	0.413	0.405	1.38
38) T	Bromodichloromethan	0.532	0.525	0.523	0.518	0.547	0.529	2.14
39) T	cis-1,3-Dichloropro	0.493	0.533	0.575	0.601	0.657	0.572	11.02
40) T	4-Methyl-2-pentanone	0.250	0.255	0.286	0.299	0.316	0.281	10.08
41) S	Toluene-d8	1.092	0.990	1.165	1.265	1.260	1.154	10.10
42) T	Toluene	1.472	1.490	1.617	1.635	1.719	1.586	6.55
43) S	trans-1,3-Dichlorop	0.165	0.143	0.171	0.187	0.193	0.172	11.40
44) T	trans-1,3-Dichlorop	0.423	0.436	0.478	0.496	0.548	0.476	10.44
45) T	1,1,2-Trichloroetha	0.271	0.287	0.287	0.280	0.297	0.284	3.45
46) S	2-Hexanone-d5	0.054	0.051	0.072	0.085	0.092	0.071	25.84
47) T	Tetrachloroethene	0.319	0.335	0.334	0.334	0.347	0.334	2.97
48) T	2-Hexanone	0.182	0.181	0.206	0.217	0.234	0.204	11.05
49) T	Dibromochloromethan	0.352	0.328	0.348	0.358	0.392	0.356	6.49
50) T	1,2-Dibromoethane	0.244	0.262	0.279	0.279	0.296	0.272	7.37
51) T	Chlorobenzene	1.015	1.025	1.032	1.047	1.108	1.046	3.54
52) T	Ethylbenzene	1.573	1.631	1.720	1.810	1.955	1.738	8.70

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.540	0.582	0.642	0.678	0.731	0.635	11.95
54) T	o-Xylene	0.545	0.553	0.621	0.660	0.718	0.619	11.82
55) T	Styrene	0.861	0.910	1.061	1.137	1.254	1.045	15.47
56) T	Isopropylbenzene	1.403	1.487	1.689	1.779	1.970	1.666	13.65
57) S	1,1,2,2-Tetrachloro	0.344	0.303	0.342	0.369	0.394	0.351	9.70
58) T	1,1,2,2-Tetrachloro	0.344	0.345	0.354	0.361	0.401	0.361	6.45
59)	1,2,3-Trichloroprop	0.271	0.267	0.269	0.276	0.296	0.276	4.27
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.355	0.359	0.372	0.382	0.422	0.378	7.11
62) T	1,3-Dichlorobenzene	1.536	1.514	1.554	1.558	1.686	1.570	4.29
63) T	1,4-Dichlorobenzene	1.636	1.621	1.577	1.596	1.722	1.630	3.43
64) S	1,2-Dichlorobenzene	0.933	0.778	0.889	0.931	0.969	0.900	8.22
65) T	1,2-Dichlorobenzene	1.471	1.517	1.531	1.525	1.636	1.536	3.94
66) T	1,2-Dibromo-3-chlor	0.092	0.090	0.102	0.113	0.130	0.106	15.59
67)	1,3,5-Trichlorobenz	1.127	1.188	1.215	1.265	1.347	1.228	6.76
68) T	1,2,4-trichlorobenz	0.655	0.718	0.893	0.975	1.128	0.874	21.94
69)	Naphthalene	0.860	0.983	1.212	1.485	1.863	1.281	31.51
70) T	1,2,3-Trichlorobenz	0.591	0.712	0.842	0.945	1.064	0.831	22.45

(#) = Out of Range