

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMUTR120919WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Tue Dec 10 01:15:11 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VU036039.D 1 =VU036040.D 5 =VU036041.D
 10 =VU036042.D 20 =VU036043.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.550	0.533	0.455	0.464	0.456	0.492	9.43
3) T	Chloromethane	0.579	0.537	0.424	0.436	0.424	0.480	15.22
4) S	Vinyl Chloride-d3	0.514	0.482	0.392	0.422	0.418	0.446	11.37
5) T	Vinyl chloride	0.521	0.574	0.456	0.484	0.468	0.501	9.59
6) T	Bromomethane	0.465	0.428	0.363	0.380	0.375	0.402	10.65
7) S	Chloroethane-d5	0.541	0.490	0.419	0.454	0.436	0.468	10.38
8) T	Chloroethane	0.432	0.422	0.348	0.357	0.345	0.381	11.20
9) T	Trichlorofluorometh	0.958	0.957	0.817	0.828	0.798	0.872	9.10
10) T	1,1,2-Trichloro-1,2	0.533	0.529	0.434	0.471	0.452	0.484	9.30
11) S	1,1-Dichloroethene-	0.837	0.883	0.728	0.817	0.810	0.815	6.93
12) T	1,1-Dichloroethene	0.437	0.476	0.405	0.430	0.427	0.435	5.95
13) T	Acetone	0.144	0.121	0.072	0.075	0.070	0.096	35.19
14) T	Carbon disulfide	1.289	1.184	1.159	1.327	1.271	1.246	5.76
15) T	Methyl Acetate	0.151	0.137	0.119	0.153	0.152	0.142	10.23
16) T	Methylene chloride	0.711	0.552	0.384	0.466	0.413	0.505	26.05
17) T	Methyl tert-butyl E	0.761	0.740	0.674	0.763	0.806	0.749	6.41
18) T	trans-1,2-Dichloroe	0.418	0.397	0.334	0.353	0.355	0.371	9.35
19) T	1,1-Dichloroethane	0.743	0.711	0.616	0.632	0.630	0.666	8.55
20) S	2-Butanone-d5	0.076	0.075	0.067	0.079	0.082	0.076	7.16
21) T	2-Butanone	0.116	0.098	0.082	0.093	0.093	0.096	12.82
22) T	cis-1,2-Dichloroeth	0.386	0.394	0.365	0.398	0.405	0.390	3.93
23) T	Bromochloromethane	0.223	0.209	0.187	0.195	0.193	0.201	7.32
24) S	Chloroform-d	0.750	0.762	0.668	0.728	0.710	0.724	5.13
25) T	Chloroform	0.816	0.817	0.688	0.708	0.684	0.743	9.19
26) S	1,2-Dichloroethane-	0.450	0.393	0.327	0.357	0.345	0.374	12.98
27) T	1,2-Dichloroethane	0.487	0.465	0.403	0.423	0.417	0.439	8.04

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.567	0.615	0.486	0.578	0.572	0.564	8.38
30) T	Cyclohexane	0.376	0.398	0.388	0.508	0.543	0.442	17.50
31) T	Carbon tetrachlorid	0.496	0.538	0.447	0.540	0.526	0.510	7.63
32) S	Benzene-d6	1.162	1.304	1.098	1.395	1.369	1.266	10.29
33) T	Benzene	1.259	1.407	1.225	1.483	1.459	1.367	8.61
34) T	Trichloroethene	0.369	0.378	0.311	0.378	0.378	0.363	8.08
35) T	Methylcyclohexane	0.359	0.428	0.430	0.594	0.624	0.487	23.78
36) S	1,2-Dichloropropane	0.353	0.408	0.340	0.407	0.401	0.382	8.57
37) T	1,2-Dichloropropane	0.334	0.362	0.303	0.358	0.357	0.343	7.24
38) T	Bromodichloromethan	0.453	0.505	0.402	0.473	0.472	0.461	8.26
39) T	cis-1,3-Dichloropro	0.386	0.444	0.410	0.531	0.557	0.466	16.09
40) T	4-Methyl-2-pentanone	0.159	0.178	0.155	0.200	0.203	0.179	12.51
41) S	Toluene-d8	0.956	1.138	1.069	1.337	1.343	1.168	14.50
42) T	Toluene	1.190	1.483	1.363	1.661	1.631	1.466	13.31
43) S	trans-1,3-Dichlorop	0.155	0.154	0.137	0.172	0.178	0.159	10.14
44) T	trans-1,3-Dichlorop	0.350	0.404	0.351	0.448	0.461	0.403	12.95
45) T	1,1,2-Trichloroetha	0.262	0.302	0.232	0.278	0.275	0.270	9.44
46) S	2-Hexanone-d5	0.040	0.047	0.055	0.070	0.076	0.058	26.16
47) T	Tetrachloroethene	0.342	0.373	0.298	0.359	0.352	0.345	8.28
48) T	2-Hexanone	0.093	0.111	0.138	0.148	0.152	0.128	19.70
49) T	Dibromochloromethan	0.340	0.385	0.348	0.359	0.359	0.358	4.74
50) T	1,2-Dibromoethane	0.244	0.276	0.253	0.266	0.266	0.261	4.76
51) T	Chlorobenzene	1.049	1.021	0.963	1.020	1.054	1.021	3.53
52) T	Ethylbenzene	1.359	1.337	1.509	1.695	1.777	1.535	12.83

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.538	0.518	0.587	0.693	0.720	0.611	14.90
54) T	o-Xylene	0.489	0.539	0.501	0.646	0.696	0.574	15.96
55) T	Styrene	0.803	0.850	0.865	1.142	1.263	0.984	20.79
56) T	Isopropylbenzene	1.104	1.490	1.288	1.691	2.000	1.515	23.06
57) S	1,1,2,2-Tetrachloro	0.325	0.417	0.275	0.350	0.388	0.351	15.73
58) T	1,1,2,2-Tetrachloro	0.336	0.438	0.285	0.345	0.380	0.357	15.88
59)	1,2,3-Trichloroprop	0.224	0.282	0.203	0.246	0.270	0.245	13.24
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.712	0.580	0.394	0.415	0.387	0.498	28.85
62) T	1,3-Dichlorobenzene	1.694	1.739	1.506	1.624	1.615	1.635	5.42
63) T	1,4-Dichlorobenzene	1.744	1.645	1.481	1.595	1.592	1.611	5.92
64) S	1,2-Dichlorobenzene	1.036	1.016	0.833	1.020	0.905	0.962	9.23
65) T	1,2-Dichlorobenzene	1.818	1.607	1.426	1.755	1.474	1.616	10.56
66) T	1,2-Dibromo-3-chlor	0.118	0.122	0.090	0.096	0.080	0.102	17.94
67)	1,3,5-Trichlorobenz	1.106	1.054	1.139	1.173	1.069	1.108	4.42
68) T	1,2,4-trichlorobenz	0.441	0.440	0.589	0.707	0.765	0.588	25.30
69)	Naphthalene	0.426	0.296	0.439	0.707	0.963	0.566	47.21
70) T	1,2,3-Trichlorobenz	0.502	0.408	0.516	0.677	0.718	0.564	22.92

(#) = Out of Range