

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
 Method File : SOMVTR082819WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Thu Aug 29 02:09:04 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VV012431.D 1 =VV012432.D 5 =VV012433.D
 10 =VV012434.D 20 =VV012435.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.715	0.764	0.726	0.684	0.691	0.716	4.46
3) T	Chloromethane	0.597	0.616	0.577	0.541	0.563	0.579	5.01
4) S	Vinyl Chloride-d3	0.051	0.043	0.044	0.040	0.044	0.044	9.40
5) T	Vinyl chloride	0.519	0.580	0.538	0.507	0.530	0.535	5.15
6) T	Bromomethane	0.277	0.300	0.283	0.266	0.279	0.281	4.49
7) S	Chloroethane-d5	0.050	0.036	0.045	0.041	0.044	0.043	11.93
8) T	Chloroethane	0.285	0.301	0.284	0.268	0.268	0.281	4.92
9) T	Trichlorofluorometh	0.708	0.792	0.762	0.713	0.728	0.741	4.83
10) T	1,1,2-Trichloro-1,2	0.352	0.389	0.360	0.335	0.350	0.357	5.55
11) S	1,1-Dichloroethene-	0.300	0.282	0.283	0.265	0.275	0.281	4.55
12) T	1,1-Dichloroethene	0.331	0.380	0.351	0.325	0.332	0.344	6.59
13) T	Acetone	0.060	0.062	0.054	0.051	0.052	0.056	9.30
14) T	Carbon disulfide	1.005	1.102	1.053	0.987	1.027	1.035	4.34
15) T	Methyl Acetate	0.144	0.153	0.122	0.123	0.126	0.133	10.44
16) T	Methylene chloride	0.434	0.401	0.355	0.329	0.331	0.370	12.43
17) T	Methyl tert-butyl E	0.962	1.083	1.044	1.017	1.055	1.032	4.44
18) T	trans-1,2-Dichloroe	0.455	0.498	0.486	0.467	0.477	0.477	3.50
19) T	1,1-Dichloroethane	0.898	1.007	0.951	0.902	0.918	0.935	4.86
20) S	2-Butanone-d5	0.073	0.069	0.080	0.079	0.083	0.077	7.45
21) T	2-Butanone	0.093	0.119	0.122	0.122	0.129	0.117	11.82
22) T	cis-1,2-Dichloroeth	0.476	0.525	0.520	0.506	0.528	0.511	4.14
23) T	Bromochloromethane	0.199	0.229	0.227	0.212	0.215	0.216	5.61
24) S	Chloroform-d	0.518	0.435	0.464	0.437	0.457	0.462	7.31
25) T	Chloroform	1.071	1.060	0.966	0.884	0.902	0.977	8.87
26) S	1,2-Dichloroethane-	0.207	0.170	0.186	0.172	0.180	0.183	8.28
27) T	1,2-Dichloroethane	0.502	0.602	0.566	0.533	0.548	0.550	6.75

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.774	0.862	0.823	0.800	0.810	0.814	3.95
30) T	Cyclohexane	0.691	0.816	0.865	0.882	0.912	0.833	10.39
31) T	Carbon tetrachlorid	0.669	0.762	0.729	0.713	0.723	0.719	4.67
32) S	Benzene-d6	0.591	0.477	0.560	0.556	0.573	0.551	7.98
33) T	Benzene	1.904	2.124	2.116	2.060	2.074	2.056	4.32
34) T	Trichloroethene	0.516	0.563	0.534	0.523	0.532	0.534	3.41
35) T	Methylcyclohexane	0.673	0.777	0.862	0.884	0.918	0.823	11.96
36) S	1,2-Dichloropropane	0.311	0.245	0.261	0.254	0.270	0.268	9.54
37) T	1,2-Dichloropropane	0.494	0.529	0.542	0.523	0.529	0.523	3.44
38) T	Bromodichloromethan	0.666	0.717	0.672	0.651	0.663	0.673	3.77
39) T	cis-1,3-Dichloropro	0.585	0.658	0.713	0.725	0.772	0.690	10.36
40) T	4-Methyl-2-pentanone	0.235	0.296	0.319	0.318	0.321	0.298	12.31
41) S	Toluene-d8	0.572	0.519	0.585	0.585	0.610	0.574	5.86
42) T	Toluene	1.789	2.111	2.232	2.212	2.220	2.113	8.87
43) S	trans-1,3-Dichlorop	0.107	0.088	0.101	0.103	0.109	0.102	8.31
44) T	trans-1,3-Dichlorop	0.466	0.529	0.540	0.558	0.589	0.536	8.47
45) T	1,1,2-Trichloroetha	0.345	0.377	0.351	0.340	0.343	0.351	4.27
46) S	2-Hexanone-d5	0.049	0.049	0.062	0.065	0.070	0.059	16.55
47) T	Tetrachloroethene	0.418	0.458	0.442	0.427	0.440	0.437	3.43
48) T	2-Hexanone	0.149	0.199	0.227	0.225	0.225	0.205	16.19
49) T	Dibromochloromethan	0.384	0.427	0.427	0.418	0.429	0.417	4.55
50) T	1,2-Dibromoethane	0.302	0.325	0.316	0.318	0.321	0.316	2.79
51) T	Chlorobenzene	1.261	1.405	1.383	1.364	1.382	1.359	4.18
52) T	Ethylbenzene	1.879	2.183	2.407	2.440	2.501	2.282	11.18

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-xylene	0.650	0.800	0.925	0.928	0.953	0.851	14.95
54) T	o-xylene	0.633	0.767	0.884	0.893	0.921	0.820	14.61
55) T	Styrene	0.977	1.275	1.524	1.524	1.553	1.371	18.05
56) T	Isopropylbenzene	1.629	2.045	2.326	2.389	2.471	2.172	15.81
57) S	1,1,2,2-Tetrachloro	0.305	0.251	0.281	0.271	0.283	0.278	7.02
58) T	1,1,2,2-Tetrachloro	0.398	0.446	0.428	0.410	0.417	0.420	4.33
59)	1,2,3-Trichloroprop	0.304	0.311	0.304	0.286	0.292	0.300	3.35
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.472	0.515	0.465	0.443	0.472	0.474	5.50
62) T	1,3-Dichlorobenzene	1.984	2.254	2.188	2.076	2.173	2.135	4.95
63) T	1,4-Dichlorobenzene	1.975	2.351	2.155	2.053	2.140	2.135	6.59
64) S	1,2-Dichlorobenzene	0.812	0.700	0.731	0.689	0.750	0.737	6.60
65) T	1,2-Dichlorobenzene	1.900	2.160	2.012	1.912	1.988	1.994	5.22
66) T	1,2-Dibromo-3-chlor	0.167	0.149	0.129	0.121	0.129	0.139	13.54
67)	1,3,5-Trichlorobenz	1.534	1.712	1.678	1.606	1.739	1.654	5.05
68) T	1,2,4-trichlorobenz	1.113	1.294	1.299	1.288	1.444	1.288	9.12
69)	Naphthalene	1.659	1.777	1.975	2.137	2.431	1.996	15.26
70) T	1,2,3-Trichlorobenz	1.029	1.312	1.251	1.250	1.333	1.235	9.80

(#) = Out of Range