

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
 Method File : SOMVTR040620WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Wed Apr 08 01:31:25 2020
 Response Via : Initial Calibration

Calibration Files

0.5 =VV015406.D 1 =VV015407.D 5 =VV015408.D
 10 =VV015409.D 20 =VV015410.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.437	0.457	0.463	0.456	0.495	0.462	4.53
3) T	Chloromethane	0.489	0.477	0.476	0.468	0.511	0.484	3.46
4) S	Vinyl Chloride-d3	0.344	0.341	0.340	0.361	0.406	0.359	7.79
5) T	Vinyl chloride	0.496	0.495	0.508	0.495	0.552	0.509	4.84
6) T	Bromomethane	0.337	0.309	0.318	0.325	0.352	0.328	5.16
7) S	Chloroethane-d5	0.344	0.313	0.298	0.326	0.351	0.326	6.61
8) T	Chloroethane	0.292	0.307	0.308	0.297	0.322	0.305	3.82
9) T	Trichlorofluorometh	0.732	0.721	0.743	0.732	0.799	0.745	4.15
10) T	1,1,2-Trichloro-1,2	0.468	0.451	0.461	0.463	0.507	0.470	4.59
11) S	1,1-Dichloroethene-	0.801	0.764	0.763	0.823	0.915	0.813	7.69
12) T	1,1-Dichloroethene	0.473	0.439	0.436	0.429	0.472	0.450	4.70
13) T	Acetone	0.062	0.056	0.053	0.054	0.056	0.056	6.42
14) T	Carbon disulfide	1.475	1.380	1.361	1.372	1.498	1.417	4.52
15) T	Methyl Acetate	0.157	0.166	0.171	0.175	0.225	0.179	14.83
16) T	Methylene chloride	0.721	0.551	0.456	0.431	0.473	0.527	22.35
17) T	Methyl tert-butyl E	1.047	0.974	0.970	0.969	1.024	0.997	3.66
18) T	trans-1,2-Dichloroe	0.515	0.464	0.444	0.439	0.469	0.466	6.47
19) T	1,1-Dichloroethane	0.841	0.794	0.787	0.776	0.819	0.803	3.24
20) S	2-Butanone-d5	0.073	0.079	0.082	0.086	0.092	0.082	8.80
21) T	2-Butanone	0.093	0.084	0.092	0.096	0.097	0.092	5.73
22) T	cis-1,2-Dichloroeth	0.520	0.469	0.474	0.457	0.483	0.481	5.02
23) T	Bromochloromethane	0.202	0.196	0.196	0.189	0.202	0.197	2.73
24) S	Chloroform-d	0.723	0.646	0.611	0.711	0.775	0.693	9.37
25) T	Chloroform	1.001	0.913	0.936	0.883	0.905	0.928	4.89
26) S	1,2-Dichloroethane-	0.290	0.336	0.428	0.299	0.320	0.335	16.56
27) T	1,2-Dichloroethane	0.377	0.367	0.374	0.374	0.395	0.377	2.78

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.840	0.812	0.753	0.715	0.748	0.774	6.59
30) T	Cyclohexane	0.763	0.792	0.733	0.711	0.682	0.736	5.83
31) T	Carbon tetrachlorid	0.821	0.725	0.661	0.651	0.487	0.669	18.25
32) S	Benzene-d6	1.066	1.197	1.505	1.090	1.161	1.204	14.66
33) T	Benzene	1.281	1.270	1.491	1.268	1.346	1.331	7.13
34) T	Trichloroethene	0.397	0.367	0.360	0.352	0.376	0.371	4.70
35) T	Methylcyclohexane	0.678	0.652	0.687	0.602	0.662	0.656	5.03
36) S	1,2-Dichloropropane	0.340	0.385	0.315	0.345	0.364	0.350	7.51
37) T	1,2-Dichloropropane	0.313	0.309	0.303	0.304	0.317	0.309	1.82
38) T	Bromodichloromethan	0.419	0.433	0.428	0.420	0.448	0.430	2.69
39) T	cis-1,3-Dichloropro	0.452	0.488	0.487	0.490	0.530	0.489	5.66
40) T	4-Methyl-2-pentanone	0.164	0.174	0.172	0.173	0.182	0.173	3.78
41) S	Toluene-d8	1.052	1.092	1.061	1.185	1.289	1.136	8.84
42) T	Toluene	1.556	1.516	1.521	1.549	1.654	1.559	3.58
43) S	trans-1,3-Dichlorop	0.137	0.139	0.138	0.154	0.163	0.146	7.86
44) T	trans-1,3-Dichlorop	0.395	0.396	0.407	0.419	0.464	0.416	6.83
45) T	1,1,2-Trichloroetha	0.238	0.244	0.227	0.226	0.243	0.236	3.73
46) S	2-Hexanone-d5	0.055	0.062	0.060	0.067	0.071	0.063	9.82
47) T	Tetrachloroethene	0.276	0.257	0.264	0.265	0.292	0.271	5.03
48) T	2-Hexanone	0.112	0.119	0.124	0.126	0.134	0.123	6.53
49) T	Dibromochloromethan	0.263	0.274	0.263	0.277	0.308	0.277	6.69
50) T	1,2-Dibromoethane	0.218	0.222	0.219	0.224	0.239	0.224	3.71
51) T	Chlorobenzene	1.028	0.983	0.985	0.994	1.076	1.013	3.89
52) T	Ethylbenzene	1.749	1.741	1.780	1.792	1.935	1.799	4.38

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	Compound	0.5	1	5	10	20	Avg	%RSD

53) T	m,p-xylene	0.663	0.663	0.694	0.706	0.770	0.699	6.26
54) T	o-xylene	0.661	0.646	0.667	0.673	0.730	0.675	4.75
55) T	Styrene	1.044	1.034	1.111	1.141	1.235	1.113	7.33
56) T	Isopropylbenzene	1.749	1.710	1.806	1.822	1.968	1.811	5.45
57) S	1,1,2,2-Tetrachloro	0.256	0.246	0.238	0.274	0.288	0.260	7.87
58) T	1,1,2,2-Tetrachloro	0.268	0.261	0.263	0.270	0.283	0.269	3.31
59)	1,2,3-Trichloroprop	0.201	0.208	0.193	0.196	0.211	0.202	3.82

60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.245	0.233	0.245	0.249	0.292	0.253	9.00
62) T	1,3-Dichlorobenzene	1.741	1.575	1.564	1.553	1.693	1.625	5.28
63) T	1,4-Dichlorobenzene	1.767	1.609	1.574	1.546	1.683	1.636	5.48
64) S	1,2-Dichlorobenzene	0.898	0.819	0.757	0.830	0.909	0.843	7.40
65) T	1,2-Dichlorobenzene	1.464	1.477	1.375	1.403	1.512	1.446	3.87
66) T	1,2-Dibromo-3-chlor	0.115	0.101	0.100	0.095	0.104	0.103	7.18
67)	1,3,5-Trichlorobenz	1.204	1.065	1.057	1.073	1.204	1.121	6.82
68) T	1,2,4-trichlorobenz	1.079	0.942	0.907	0.935	1.051	0.983	7.80
69)	Naphthalene	3.349	2.337	1.868	1.903	2.086	2.309	26.45
70) T	1,2,3-Trichlorobenz	0.869	0.835	0.800	0.813	0.911	0.845	5.34

(#) = Out of Range