

Method Path : Z:\VOASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOMVTR052620WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Wed May 27 02:24:01 2020
 Response Via : Initial Calibration

Calibration Files

0.5 =VV016191.D 1 =VV016192.D 5 =VV016193.D
 10 =VV016194.D 20 =VV016195.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.389	0.430	0.471	0.447	0.464	0.440	7.40
3) T	Chloromethane	0.474	0.482	0.499	0.478	0.472	0.481	2.24
4) S	Vinyl Chloride-d3	0.309	0.333	0.324	0.325	0.315	0.321	2.92
5) T	Vinyl chloride	0.409	0.434	0.460	0.446	0.441	0.438	4.29
6) T	Bromomethane	0.219	0.244	0.262	0.252	0.255	0.246	6.80
7) S	Chloroethane-d5	0.304	0.281	0.280	0.276	0.270	0.282	4.67
8) T	Chloroethane	0.211	0.251	0.265	0.250	0.246	0.245	8.31
9) T	Trichlorofluorometh	0.504	0.557	0.606	0.581	0.582	0.566	6.87
10) T	1,1,2-Trichloro-1,2	0.282	0.308	0.334	0.316	0.303	0.309	6.20
11) S	1,1-Dichloroethene-	0.596	0.616	0.619	0.610	0.575	0.603	2.96
12) T	1,1-Dichloroethene	0.281	0.298	0.316	0.299	0.281	0.295	4.93
13) T	Acetone	0.047	0.050	0.052	0.050	0.048	0.049	3.97
14) T	Carbon disulfide	0.850	0.879	0.968	0.956	0.918	0.914	5.49
15) T	Methyl Acetate	0.131	0.097	0.142	0.130	0.131	0.126	13.53
16) T	Methylene chloride	0.400	0.337	0.339	0.314	0.300	0.338	11.32
17) T	Methyl tert-butyl E	0.667	0.720	0.777	0.735	0.731	0.726	5.41
18) T	trans-1,2-Dichloroe	0.318	0.318	0.343	0.321	0.313	0.323	3.71
19) T	1,1-Dichloroethane	0.540	0.601	0.628	0.653	0.643	0.613	7.43
20) S	2-Butanone-d5	0.073	0.072	0.081	0.086	0.087	0.080	8.77
21) T	2-Butanone	0.078	0.078	0.093	0.092	0.098	0.088	10.37
22) T	cis-1,2-Dichloroeth	0.409	0.373	0.380	0.369	0.377	0.382	4.18
23) T	Bromochloromethane	0.130	0.136	0.156	0.151	0.152	0.145	7.79
24) S	Chloroform-d	0.605	0.638	0.648	0.653	0.654	0.639	3.21
25) T	Chloroform	0.588	0.628	0.693	0.664	0.671	0.649	6.38
26) S	1,2-Dichloroethane-	0.339	0.343	0.337	0.337	0.337	0.338	0.73
27) T	1,2-Dichloroethane	0.405	0.398	0.448	0.431	0.438	0.424	5.04

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.525	0.571	0.631	0.618	0.622	0.593	7.52
30) T	Cyclohexane	0.573	0.603	0.666	0.662	0.675	0.636	7.10
31) T	Carbon tetrachlorid	0.446	0.483	0.536	0.519	0.530	0.503	7.54
32) S	Benzene-d6	1.208	1.187	1.264	1.264	1.270	1.239	3.10
33) T	Benzene	1.294	1.402	1.535	1.471	1.492	1.439	6.56
34) T	Trichloroethene	0.337	0.376	0.391	0.383	0.388	0.375	5.91
35) T	Methylcyclohexane	0.569	0.585	0.666	0.660	0.680	0.632	8.13
36) S	1,2-Dichloropropane	0.383	0.370	0.380	0.393	0.391	0.383	2.39
37) T	1,2-Dichloropropane	0.316	0.336	0.376	0.365	0.372	0.353	7.31
38) T	Bromodichloromethan	0.366	0.404	0.463	0.463	0.475	0.434	10.85
39) T	cis-1,3-Dichloropro	0.392	0.450	0.537	0.545	0.574	0.500	15.16
40) T	4-Methyl-2-pentanone	0.180	0.206	0.240	0.232	0.240	0.220	11.99
41) S	Toluene-d8	1.101	1.127	1.222	1.222	1.230	1.181	5.20
42) T	Toluene	1.422	1.490	1.668	1.616	1.649	1.569	6.87
43) MA	1,3,5-Trimethylbenz	1.130	1.243	1.587	1.568	1.615	1.428	15.77
44) MA	1,2,4-Trimethylbenz	1.192	1.292	1.613	1.602	1.657	1.471	14.49
45) S	trans-1,3-Dichlorop	0.112	0.127	0.155	0.157	0.163	0.143	15.56
46) T	trans-1,3-Dichlorop	0.315	0.356	0.457	0.461	0.488	0.415	18.14
47) T	1,1,2-Trichloroetha	0.185	0.235	0.248	0.243	0.250	0.232	11.70
48) S	2-Hexanone-d5	0.056	0.058	0.068	0.071	0.074	0.066	12.18
49) T	Tetrachloroethene	0.229	0.256	0.290	0.284	0.287	0.269	9.71
50) T	2-Hexanone	0.120	0.133	0.172	0.168	0.172	0.153	16.13
51) T	Dibromochloromethan	0.196	0.211	0.263	0.270	0.289	0.246	16.32
52) T	1,2-Dibromoethane	0.179	0.203	0.238	0.233	0.237	0.218	12.08

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	Chlorobenzene	0.859	0.931	1.030	1.000	1.028	0.970	7.61
54) T	Ethylbenzene	1.505	1.579	1.905	1.855	1.900	1.749	10.95
55) T	m,p-xylene	0.530	0.624	0.713	0.702	0.711	0.656	12.11
56) T	o-xylene	0.537	0.571	0.667	0.664	0.686	0.625	10.65
57) T	Styrene	0.813	0.909	1.155	1.148	1.175	1.040	16.10
58) T	Isopropylbenzene	1.432	1.580	1.834	1.832	1.882	1.712	11.47
59) S	1,1,2,2-Tetrachloro	0.282	0.269	0.293	0.281	0.291	0.283	3.39
60) T	1,1,2,2-Tetrachloro	0.256	0.278	0.304	0.296	0.309	0.289	7.47
61) I	1,4-Dichlorobenzene-d	-----ISTD-----						
62) T	Bromoform	0.158	0.180	0.235	0.234	0.267	0.215	20.78
63) T	1,3-Dichlorobenzene	1.326	1.490	1.628	1.564	1.621	1.526	8.18
64) T	1,4-Dichlorobenzene	1.473	1.501	1.628	1.553	1.597	1.551	4.17
65) S	1,2-Dichlorobenzene	0.845	0.816	0.844	0.827	0.843	0.835	1.52
66) T	1,2-Dichlorobenzene	1.239	1.309	1.473	1.421	1.454	1.379	7.31
67) T	1,2-Dibromo-3-chlor	0.068	0.090	0.102	0.100	0.106	0.093	16.31
68) MA	1,3,5-Trichlorobenz	0.915	1.034	1.150	1.119	1.182	1.080	9.94
69) T	1,2,4-trichlorobenz	0.808	0.903	1.000	0.983	1.046	0.948	9.87
70) MA	Naphthalene	2.300	2.079	1.978	1.937	2.064	2.072	6.79
71) T	1,2,3-Trichlorobenz	0.748	0.825	0.899	0.870	0.934	0.855	8.40

(#) = Out of Range