

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
 Method File : SOMVTR042220WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Thu Apr 23 01:21:58 2020
 Response Via : Initial Calibration

Calibration Files

0.5 =VV015617.D 1 =VV015618.D 5 =VV015619.D
 10 =VV015620.D 20 =VV015621.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.412	0.420	0.433	0.440	0.436	0.428	2.67
3) T	Chloromethane	0.354	0.382	0.370	0.375	0.370	0.370	2.78
4) S	Vinyl Chloride-d3	0.275	0.247	0.251	0.269	0.266	0.261	4.58
5) T	Vinyl chloride	0.374	0.400	0.396	0.406	0.403	0.396	3.26
6) T	Bromomethane	0.149	0.166	0.163	0.180	0.191	0.170	9.51
7) S	Chloroethane-d5	0.269	0.242	0.244	0.256	0.249	0.252	4.35
8) T	Chloroethane	0.247	0.249	0.271	0.282	0.251	0.260	6.05
9) T	Trichlorofluorometh	0.522	0.568	0.550	0.567	0.570	0.555	3.69
10) T	1,1,2-Trichloro-1,2	0.288	0.314	0.322	0.321	0.325	0.314	4.88
11) S	1,1-Dichloroethene-	0.602	0.549	0.555	0.575	0.578	0.572	3.69
12) T	1,1-Dichloroethene	0.273	0.294	0.294	0.299	0.296	0.291	3.62
13) T	Acetone	0.057	0.060	0.059	0.060	0.055	0.058	3.48
14) T	Carbon disulfide	0.762	0.792	0.808	0.865	0.887	0.823	6.32
15) T	Methyl Acetate	0.133	0.128	0.145	0.147	0.140	0.139	5.64
16) T	Methylene chloride	0.397	0.389	0.339	0.337	0.333	0.359	8.69
17) T	Methyl tert-butyl E	0.732	0.812	0.826	0.864	0.851	0.817	6.33
18) T	trans-1,2-Dichloroe	0.307	0.327	0.326	0.335	0.335	0.326	3.55
19) T	1,1-Dichloroethane	0.593	0.634	0.648	0.663	0.661	0.640	4.45
20) S	2-Butanone-d5	0.076	0.075	0.086	0.093	0.090	0.084	9.53
21) T	2-Butanone	0.077	0.088	0.093	0.096	0.095	0.090	8.45
22) T	cis-1,2-Dichloroeth	0.336	0.369	0.359	0.368	0.369	0.360	3.96
23) T	Bromochloromethane	0.137	0.149	0.147	0.151	0.152	0.147	3.90
24) S	Chloroform-d	0.602	0.555	0.598	0.645	0.644	0.609	6.17
25) T	Chloroform	0.632	0.710	0.675	0.694	0.685	0.679	4.30
26) S	1,2-Dichloroethane-	0.357	0.311	0.331	0.357	0.348	0.341	5.86
27) T	1,2-Dichloroethane	0.421	0.447	0.451	0.459	0.454	0.446	3.29

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.583	0.624	0.653	0.658	0.653	0.634	5.01
30) T	Cyclohexane	0.550	0.599	0.619	0.631	0.630	0.606	5.59
31) T	Carbon tetrachlorid	0.477	0.518	0.539	0.542	0.549	0.525	5.56
32) S	Benzene-d6	1.175	1.098	1.208	1.250	1.238	1.194	5.11
33) T	Benzene	1.314	1.414	1.474	1.473	1.467	1.429	4.80
34) T	Trichloroethene	0.370	0.400	0.400	0.404	0.398	0.395	3.51
35) T	Methylcyclohexane	0.524	0.609	0.620	0.637	0.638	0.605	7.75
36) S	1,2-Dichloropropane	0.392	0.343	0.389	0.394	0.389	0.381	5.63
37) T	1,2-Dichloropropane	0.335	0.356	0.369	0.379	0.376	0.363	4.97
38) T	Bromodichloromethan	0.422	0.437	0.465	0.486	0.496	0.461	6.84
39) T	cis-1,3-Dichloropro	0.422	0.464	0.514	0.558	0.573	0.506	12.52
40) T	4-Methyl-2-pentanone	0.216	0.222	0.244	0.251	0.245	0.236	6.60
41) S	Toluene-d8	1.098	1.024	1.150	1.202	1.194	1.134	6.54
42) T	Toluene	1.387	1.470	1.565	1.611	1.599	1.526	6.26
43) S	trans-1,3-Dichlorop	0.137	0.122	0.146	0.166	0.166	0.148	12.87
44) T	trans-1,3-Dichlorop	0.346	0.360	0.447	0.478	0.496	0.425	16.13
45) T	1,1,2-Trichloroetha	0.232	0.234	0.259	0.259	0.253	0.247	5.52
46) S	2-Hexanone-d5	0.060	0.061	0.076	0.081	0.081	0.072	14.58
47) T	Tetrachloroethene	0.267	0.278	0.292	0.291	0.292	0.284	3.89
48) T	2-Hexanone	0.151	0.155	0.177	0.181	0.175	0.168	8.18
49) T	Dibromochloromethan	0.222	0.231	0.257	0.276	0.295	0.256	11.91
50) T	1,2-Dibromoethane	0.199	0.223	0.238	0.244	0.240	0.229	8.09
51) T	Chlorobenzene	0.977	0.976	1.004	1.028	1.015	1.000	2.29
52) T	Ethylbenzene	1.589	1.704	1.808	1.863	1.868	1.766	6.73

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-xylene	0.555	0.610	0.667	0.702	0.701	0.647	9.82
54) T	o-xylene	0.537	0.593	0.651	0.674	0.675	0.626	9.56
55) T	Styrene	0.871	0.984	1.116	1.167	1.174	1.062	12.34
56) T	Isopropylbenzene	1.578	1.663	1.793	1.867	1.880	1.756	7.51
57) S	1,1,2,2-Tetrachloro	0.275	0.263	0.288	0.296	0.298	0.284	5.16
58) T	1,1,2,2-Tetrachloro	0.273	0.270	0.297	0.304	0.302	0.289	5.67
59)	1,2,3-Trichloroprop	0.223	0.227	0.236	0.239	0.234	0.232	2.86
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.172	0.183	0.193	0.224	0.260	0.206	17.31
62) T	1,3-Dichlorobenzene	1.535	1.593	1.584	1.587	1.614	1.583	1.84
63) T	1,4-Dichlorobenzene	1.591	1.609	1.583	1.584	1.613	1.596	0.88
64) S	1,2-Dichlorobenzene	0.900	0.810	0.826	0.854	0.859	0.850	4.08
65) T	1,2-Dichlorobenzene	1.340	1.439	1.451	1.459	1.467	1.431	3.62
66) T	1,2-Dibromo-3-chlor	0.067	0.094	0.097	0.102	0.106	0.093	16.48
67)	1,3,5-Trichlorobenz	1.142	1.143	1.150	1.191	1.221	1.169	3.01
68) T	1,2,4-trichlorobenz	1.085	1.034	1.075	1.077	1.110	1.076	2.53
69)	Naphthalene	2.026	1.760	1.862	1.960	2.024	1.926	5.93
70) T	1,2,3-Trichlorobenz	0.961	0.922	0.939	0.957	0.971	0.950	2.07

(#) = Out of Range