

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
 Method File : SOMVTR091719WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Tue Sep 17 17:41:31 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VV012864.D 1 =VV012865.D 5 =VV012866.D
 10 =VV012867.D 20 =VV012868.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.363	0.319	0.285	0.344	0.265	0.315	12.77
3) T	Chloromethane	0.412	0.357	0.332	0.318	0.319	0.348	11.28
4) S	Vinyl Chloride-d3	0.520	0.487	0.499	0.480	0.489	0.495	3.15
5) T	Vinyl chloride	0.466	0.428	0.382	0.371	0.370	0.404	10.43
6) T	Bromomethane	0.216	0.207	0.184	0.179	0.184	0.194	8.37
7) S	Chloroethane-d5	0.408	0.385	0.394	0.380	0.383	0.390	2.94
8) T	Chloroethane	0.247	0.221	0.202	0.194	0.196	0.212	10.44
9) T	Trichlorofluorometh	0.569	0.509	0.472	0.454	0.450	0.491	10.08
10) T	1,1,2-Trichloro-1,2	0.339	0.313	0.284	0.272	0.265	0.295	10.53
11) S	1,1-Dichloroethene-	0.792	0.734	0.731	0.699	0.692	0.730	5.43
12) T	1,1-Dichloroethene	0.314	0.286	0.257	0.243	0.239	0.268	11.79
13) T	Acetone	0.068	0.056	0.052	0.050	0.047	0.055	15.05
14) T	Carbon disulfide	0.644	0.562	0.521	0.506	0.511	0.549	10.52
15) T	Methyl Acetate	0.153	0.118	0.162	0.141	0.143	0.143	11.49
16) T	Methylene chloride	0.444	0.351	0.295	0.281	0.276	0.329	21.50
17) T	Methyl tert-butyl E	0.876	0.726	0.737	0.721	0.728	0.758	8.75
18) T	trans-1,2-Dichloroe	0.359	0.313	0.272	0.271	0.273	0.298	12.96
19) T	1,1-Dichloroethane	0.701	0.640	0.587	0.566	0.578	0.614	9.14
20) S	2-Butanone-d5	0.098	0.083	0.112	0.109	0.115	0.104	12.47
21) T	2-Butanone	0.083	0.072	0.098	0.097	0.100	0.090	13.58
22) T	cis-1,2-Dichloroeth	0.355	0.339	0.322	0.323	0.334	0.335	4.06
23) T	Bromochloromethane	0.169	0.153	0.139	0.139	0.141	0.148	8.64
24) S	Chloroform-d	0.824	0.812	0.816	0.782	0.804	0.808	1.99
25) T	Chloroform	0.881	0.734	0.633	0.604	0.610	0.692	17.03
26) S	1,2-Dichloroethane-	0.379	0.388	0.412	0.394	0.400	0.395	3.14
27) T	1,2-Dichloroethane	0.413	0.361	0.360	0.349	0.358	0.368	6.92

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.591	0.524	0.489	0.491	0.502	0.520	8.16
30) T	Cyclohexane	0.424	0.412	0.414	0.446	0.471	0.433	5.79
31) T	Carbon tetrachlorid	0.502	0.443	0.413	0.417	0.426	0.440	8.30
32) S	Benzene-d6	1.608	1.561	1.685	1.703	1.733	1.658	4.30
33) T	Benzene	1.348	1.302	1.267	1.284	1.287	1.297	2.37
34) T	Trichloroethene	0.367	0.341	0.315	0.319	0.329	0.334	6.30
35) T	Methylcyclohexane	0.450	0.388	0.433	0.472	0.500	0.448	9.39
36) S	1,2-Dichloropropane	0.496	0.478	0.512	0.512	0.526	0.505	3.63
37) T	1,2-Dichloropropane	0.370	0.349	0.344	0.351	0.354	0.354	2.82
38) T	Bromodichloromethan	0.532	0.452	0.435	0.434	0.447	0.460	8.87
39) T	cis-1,3-Dichloropro	0.489	0.417	0.443	0.478	0.514	0.468	8.25
40) T	4-Methyl-2-pentanone	0.222	0.183	0.236	0.246	0.252	0.228	12.10
41) S	Toluene-d8	1.307	1.313	1.547	1.580	1.612	1.472	10.15
42) T	Toluene	1.327	1.286	1.363	1.374	1.404	1.351	3.38
43) S	trans-1,3-Dichlorop	0.167	0.164	0.183	0.190	0.203	0.181	8.70
44) T	trans-1,3-Dichlorop	0.381	0.337	0.357	0.384	0.412	0.374	7.67
45) T	1,1,2-Trichloroetha	0.306	0.258	0.250	0.252	0.258	0.265	8.86
46) S	2-Hexanone-d5	0.059	0.052	0.084	0.090	0.096	0.076	25.75
47) T	Tetrachloroethene	0.303	0.258	0.257	0.262	0.263	0.269	7.30
48) T	2-Hexanone	0.154	0.134	0.176	0.178	0.180	0.164	12.09
49) T	Dibromochloromethan	0.331	0.285	0.287	0.297	0.309	0.302	6.21
50) T	1,2-Dibromoethane	0.232	0.221	0.213	0.216	0.221	0.221	3.22
51) T	Chlorobenzene	1.002	0.919	0.890	0.899	0.925	0.927	4.79
52) T	Ethylbenzene	1.393	1.300	1.424	1.530	1.596	1.449	8.03

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-xylene	0.488	0.469	0.536	0.577	0.602	0.534	10.61
54) T	o-xylene	0.460	0.466	0.526	0.568	0.606	0.525	12.13
55) T	Styrene	0.754	0.735	0.941	1.015	1.061	0.901	16.63
56) T	Isopropylbenzene	1.219	1.212	1.428	1.543	1.646	1.409	13.73
57) S	1,1,2,2-Tetrachloro	0.409	0.360	0.392	0.391	0.400	0.390	4.76
58) T	1,1,2,2-Tetrachloro	0.372	0.313	0.324	0.325	0.325	0.332	7.01
59)	1,2,3-Trichloroprop	0.261	0.220	0.223	0.225	0.224	0.231	7.48
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.396	0.337	0.323	0.321	0.337	0.343	8.95
62) T	1,3-Dichlorobenzene	1.605	1.486	1.437	1.457	1.487	1.494	4.37
63) T	1,4-Dichlorobenzene	1.778	1.503	1.454	1.458	1.475	1.533	8.99
64) S	1,2-Dichlorobenzene	1.144	1.030	1.067	1.069	1.088	1.080	3.87
65) T	1,2-Dichlorobenzene	1.673	1.467	1.398	1.414	1.417	1.474	7.75
66) T	1,2-Dibromo-3-chlor	0.125	0.108	0.091	0.091	0.092	0.101	15.01
67)	1,3,5-Trichlorobenz	1.288	1.150	1.095	1.131	1.178	1.168	6.28
68) T	1,2,4-trichlorobenz	1.005	0.877	0.870	0.931	1.007	0.938	7.06
69)	Naphthalene	1.331	1.135	1.299	1.562	1.760	1.418	17.27
70) T	1,2,3-Trichlorobenz	0.982	0.862	0.888	0.928	0.968	0.926	5.51

(#) = Out of Range