

Method Path : Z:\VOASRV\HPCHEM1\MSV0A R\METHODS\
 Method File : SOMRTR121718WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Tue Dec 18 00:30:13 2018
 Response Via : Initial Calibration

Calibration Files

0.5 =VR026264.D 1 =VR026265.D 5 =VR026270.D
 10 =VR026267.D 20 =VR026268.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.397	0.434	0.436	0.410	0.399	0.415	4.47
3) T	Chloromethane	0.485	0.542	0.506	0.461	0.485	0.496	6.06
4) S	Vinyl Chloride-d3	0.319	0.327	0.320	0.332	0.292	0.318	4.88
5) T	Vinyl chloride	0.510	0.538	0.517	0.475	0.481	0.504	5.25
6) T	Bromomethane	0.338	0.387	0.342	0.303	0.311	0.336	9.87
7) S	Chloroethane-d5	0.315	0.308	0.329	0.339	0.289	0.316	6.12
8) T	Chloroethane	0.314	0.334	0.317	0.291	0.297	0.311	5.46
9) T	Trichlorofluorometh	0.730	0.775	0.814	0.780	0.766	0.773	3.87
10) T	1,1,2-Trichloro-1,2	0.413	0.438	0.443	0.411	0.403	0.422	4.12
11) S	1,1-Dichloroethene-	0.864	0.924	0.901	0.955	0.852	0.899	4.69
12) T	1,1-Dichloroethene	0.427	0.465	0.462	0.441	0.444	0.448	3.53
13) T	Acetone	0.030	0.032	0.028	0.026	0.028	0.029	8.78
14) T	Carbon disulfide	1.373	1.503	1.522	1.470	1.482	1.470	3.94
15) T	Methyl Acetate	0.079	0.087	0.071	0.069	0.077	0.077	9.07
16) T	Methylene chloride	0.419	0.422	0.366	0.341	0.363	0.382	9.46
17) T	Methyl tert-butyl E	0.296	0.373	0.378	0.399	0.472	0.384	16.39
18) T	trans-1,2-Dichloroe	0.362	0.384	0.401	0.399	0.438	0.397	7.00
19) T	1,1-Dichloroethane	0.704	0.761	0.715	0.688	0.758	0.725	4.51
20) S	2-Butanone-d5	0.023	0.025	0.028	0.034	0.032	0.028	16.83
21) T	2-Butanone	0.025	0.033	0.036	0.036	0.041	0.034	17.46
22) T	cis-1,2-Dichloroeth	0.289	0.335	0.367	0.368	0.413	0.354	12.98
23) T	Bromochloromethane	0.099	0.115	0.100	0.098	0.109	0.104	7.13
24) S	Chloroform-d	0.639	0.669	0.664	0.745	0.681	0.679	5.81
25) T	Chloroform	0.655	0.715	0.679	0.663	0.726	0.688	4.56
26) S	1,2-Dichloroethane-	0.231	0.231	0.250	0.278	0.257	0.250	7.78
27) T	1,2-Dichloroethane	0.269	0.314	0.295	0.289	0.316	0.297	6.48

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.800	0.834	0.833	0.803	0.824	0.819	2.00
30) T	Cyclohexane	0.520	0.639	0.808	0.830	0.831	0.726	19.31
31) T	Carbon tetrachlorid	0.716	0.791	0.748	0.732	0.740	0.745	3.76
32) S	Benzene-d6	1.445	1.514	1.605	1.843	1.635	1.608	9.39
33) T	Benzene	1.696	2.075	1.991	1.973	2.106	1.968	8.24
34) T	Trichloroethene	0.470	0.524	0.517	0.523	0.562	0.519	6.32
35) T	Methylcyclohexane	0.550	0.665	0.834	0.845	0.868	0.752	18.46
36) S	1,2-Dichloropropane	0.375	0.398	0.404	0.455	0.412	0.409	7.18
37) T	1,2-Dichloropropane	0.378	0.437	0.400	0.385	0.416	0.403	5.90
38) T	Bromodichloromethan	0.431	0.485	0.447	0.435	0.485	0.457	5.83
39) T	cis-1,3-Dichloropro	0.314	0.391	0.468	0.495	0.548	0.443	20.73
40) T	4-Methyl-2-pentanone	0.065	0.088	0.105	0.108	0.119	0.097	21.75
41) S	Toluene-d8	1.190	1.333	1.509	1.766	1.567	1.473	15.01
42) T	Toluene	1.612	1.970	2.127	2.125	2.225	2.012	11.99
43) S	trans-1,3-Dichlorop	0.101	0.095	0.101	0.125	0.116	0.108	11.70
44) T	trans-1,3-Dichlorop	0.230	0.282	0.326	0.348	0.389	0.315	19.40
45) T	1,1,2-Trichloroetha	0.151	0.189	0.163	0.160	0.174	0.167	8.87
46) S	2-Hexanone-d5	0.013	0.015	0.024	0.031	0.029	0.022	36.16
47) T	Tetrachloroethene	0.351	0.385	0.401	0.404	0.433	0.395	7.55
48) T	2-Hexanone	0.038	0.057	0.069	0.071	0.078	0.063	24.93
49) T	Dibromochloromethan	0.185	0.219	0.208	0.212	0.238	0.212	9.18
50) T	1,2-Dibromoethane	0.132	0.144	0.138	0.137	0.153	0.141	5.59
51) T	Chlorobenzene	1.034	1.154	1.146	1.105	1.189	1.126	5.25
52) T	Ethylbenzene	1.809	2.174	2.443	2.465	2.465	2.271	12.60

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.646	0.767	0.911	0.926	0.997	0.849	16.63
54) T	o-Xylene	0.474	0.645	0.802	0.844	0.935	0.740	24.65
55) T	Styrene	0.759	0.973	1.207	1.266	1.381	1.117	22.34
56) T	Isopropylbenzene	1.461	1.826	2.394	2.440	2.401	2.104	20.93
57) S	1,1,2,2-Tetrachloro	0.145	0.143	0.155	0.167	0.147	0.152	6.44
58) T	1,1,2,2-Tetrachloro	0.143	0.152	0.145	0.143	0.155	0.148	3.72
59)	1,2,3-Trichloroprop	0.104	0.128	0.115	0.108	0.117	0.115	8.05
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.186	0.226	0.198	0.211	0.235	0.211	9.36
62) T	1,3-Dichlorobenzene	1.323	1.570	1.616	1.757	1.860	1.625	12.57
63) T	1,4-Dichlorobenzene	1.655	1.801	1.691	1.745	1.835	1.746	4.27
64) S	1,2-Dichlorobenzene	0.726	0.804	0.753	0.907	0.795	0.797	8.66
65) T	1,2-Dichlorobenzene	1.136	1.379	1.309	1.358	1.432	1.323	8.56
66) T	1,2-Dibromo-3-chlor	0.057	0.057	0.040	0.038	0.043	0.047	20.12
67)	1,3,5-Trichlorobenz	0.861	0.963	1.029	1.119	1.232	1.041	13.71
68) T	1,2,4-trichlorobenz	0.422	0.510	0.554	0.630	0.711	0.565	19.56
69)	Naphthalene	0.309	0.361	0.502	0.615	0.752	0.508	35.79
70) T	1,2,3-Trichlorobenz	0.293	0.361	0.402	0.432	0.473	0.392	17.61

(#) = Out of Range