

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
 Method File : SOMVTR010220WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Thu Jan 02 17:31:23 2020
 Response Via : Initial Calibration

Calibration Files

0.5 =VV014246.D 1 =VV014247.D 5 =VV014248.D
 10 =VV014249.D 20 =VV014250.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.374	0.379	0.391	0.372	0.369	0.377	2.26
3) T	Chloromethane	0.404	0.376	0.375	0.359	0.359	0.375	4.94
4) S	Vinyl Chloride-d3	0.375	0.366	0.338	0.336	0.333	0.350	5.61
5) T	Vinyl chloride	0.387	0.334	0.359	0.330	0.339	0.350	6.72
6) T	Bromomethane	0.221	0.194	0.198	0.187	0.193	0.199	6.72
7) S	Chloroethane-d5	0.314	0.269	0.265	0.250	0.253	0.270	9.42
8) T	Chloroethane	0.219	0.202	0.195	0.180	0.188	0.197	7.63
9) T	Trichlorofluorometh	0.432	0.416	0.430	0.398	0.390	0.413	4.53
10) T	1,1,2-Trichloro-1,2	0.249	0.217	0.232	0.210	0.210	0.224	7.57
11) S	1,1-Dichloroethene-	0.563	0.535	0.518	0.481	0.483	0.516	6.79
12) T	1,1-Dichloroethene	0.249	0.219	0.230	0.207	0.212	0.223	7.42
13) T	Acetone	0.074	0.066	0.051	0.051	0.048	0.058	19.45
14) T	Carbon disulfide	1.057	0.992	1.001	0.952	0.954	0.991	4.33
15) T	Methyl Acetate	0.130	0.135	0.139	0.138	0.131	0.135	3.18
16) T	Methylene chloride	0.443	0.385	0.340	0.329	0.321	0.364	13.92
17) T	Methyl tert-butyl E	0.859	0.830	0.845	0.804	0.796	0.827	3.20
18) T	trans-1,2-Dichloroe	0.359	0.324	0.343	0.328	0.325	0.336	4.50
19) T	1,1-Dichloroethane	0.698	0.660	0.661	0.638	0.634	0.658	3.83
20) S	2-Butanone-d5	0.082	0.082	0.085	0.087	0.085	0.084	2.56
21) T	2-Butanone	0.086	0.084	0.090	0.088	0.086	0.087	2.63
22) T	cis-1,2-Dichloroeth	0.381	0.361	0.375	0.364	0.360	0.368	2.55
23) T	Bromochloromethane	0.150	0.132	0.142	0.140	0.136	0.140	4.72
24) S	Chloroform-d	0.695	0.707	0.665	0.659	0.655	0.676	3.46
25) T	Chloroform	0.681	0.616	0.631	0.612	0.610	0.630	4.68
26) S	1,2-Dichloroethane-	0.366	0.342	0.335	0.327	0.323	0.339	4.97
27) T	1,2-Dichloroethane	0.386	0.367	0.383	0.374	0.375	0.377	2.00

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.625	0.599	0.596	0.572	0.584	0.595	3.29
30) T	Cyclohexane	0.663	0.650	0.685	0.644	0.644	0.657	2.62
31) T	Carbon tetrachlorid	0.532	0.517	0.515	0.487	0.497	0.510	3.48
32) S	Benzene-d6	1.545	1.545	1.487	1.441	1.443	1.492	3.46
33) T	Benzene	1.640	1.544	1.545	1.481	1.489	1.540	4.12
34) T	Trichloroethene	0.418	0.393	0.393	0.380	0.394	0.396	3.49
35) T	Methylcyclohexane	0.651	0.626	0.678	0.638	0.642	0.647	3.06
36) S	1,2-Dichloropropane	0.466	0.483	0.456	0.454	0.453	0.462	2.72
37) T	1,2-Dichloropropane	0.434	0.362	0.384	0.377	0.386	0.389	6.99
38) T	Bromodichloromethan	0.530	0.493	0.499	0.491	0.494	0.501	3.22
39) T	cis-1,3-Dichloropro	0.669	0.622	0.631	0.607	0.617	0.629	3.81
40) T	4-Methyl-2-pentanone	0.266	0.250	0.246	0.236	0.228	0.245	5.85
41) S	Toluene-d8	1.451	1.413	1.336	1.310	1.307	1.363	4.77
42) T	Toluene	1.777	1.644	1.620	1.535	1.552	1.625	5.93
43) S	trans-1,3-Dichlorop	0.208	0.207	0.201	0.200	0.207	0.205	1.74
44) T	trans-1,3-Dichlorop	0.499	0.464	0.496	0.477	0.480	0.483	2.97
45) T	1,1,2-Trichloroetha	0.264	0.247	0.247	0.242	0.242	0.248	3.59
46) S	2-Hexanone-d5	0.088	0.088	0.086	0.086	0.084	0.087	1.78
47) T	Tetrachloroethene	0.290	0.274	0.271	0.256	0.261	0.270	4.96
48) T	2-Hexanone	0.173	0.167	0.175	0.169	0.164	0.169	2.64
49) T	Dibromochloromethan	0.342	0.313	0.307	0.301	0.307	0.314	5.17
50) T	1,2-Dibromoethane	0.254	0.240	0.242	0.231	0.235	0.240	3.60
51) T	Chlorobenzene	1.107	0.988	0.992	0.957	0.955	1.000	6.24
52) T	Ethylbenzene	1.963	1.818	1.830	1.737	1.744	1.818	5.02

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-xylene	0.705	0.676	0.676	0.644	0.653	0.671	3.52
54) T	o-xylene	0.708	0.667	0.659	0.628	0.636	0.660	4.77
55) T	Styrene	1.230	1.085	1.115	1.076	1.081	1.117	5.81
56) T	Isopropylbenzene	1.817	1.714	1.752	1.658	1.662	1.721	3.85
57) S	1,1,2,2-Tetrachloro	0.326	0.334	0.325	0.318	0.315	0.323	2.27
58) T	1,1,2,2-Tetrachloro	0.333	0.303	0.310	0.292	0.293	0.306	5.52
59)	1,2,3-Trichloroprop	0.252	0.236	0.230	0.219	0.221	0.232	5.67
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.342	0.345	0.345	0.328	0.334	0.339	2.18
62) T	1,3-Dichlorobenzene	1.691	1.539	1.572	1.497	1.516	1.563	4.91
63) T	1,4-Dichlorobenzene	1.687	1.524	1.571	1.482	1.508	1.554	5.21
64) S	1,2-Dichlorobenzene	1.022	0.969	0.916	0.896	0.890	0.939	5.97
65) T	1,2-Dichlorobenzene	1.486	1.426	1.414	1.363	1.370	1.412	3.52
66) T	1,2-Dibromo-3-chlor	0.138	0.148	0.126	0.120	0.117	0.130	10.10
67)	1,3,5-Trichlorobenz	1.247	1.106	1.139	1.084	1.108	1.137	5.66
68) T	1,2,4-trichlorobenz	1.064	0.989	1.000	0.960	0.972	0.997	4.03
69)	Naphthalene	2.101	1.991	2.039	1.997	2.000	2.026	2.28
70) T	1,2,3-Trichlorobenz	0.912	0.877	0.886	0.858	0.854	0.877	2.66

(#) = Out of Range