

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SOMUTR100820WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Fri Oct 09 01:40:45 2020
 Response Via : Initial Calibration

Calibration Files

0.5 =VU040557.D 1 =VU040558.D 5 =VU040559.D
 10 =VU040560.D 20 =VU040561.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.443	0.439	0.481	0.458	0.445	0.453	3.72
3) T	Chloromethane	0.427	0.438	0.441	0.412	0.400	0.424	4.11
4) S	Vinyl Chloride-d3	0.384	0.422	0.432	0.410	0.424	0.414	4.51
5) T	Vinyl chloride	0.433	0.464	0.463	0.442	0.429	0.446	3.72
6) T	Bromomethane	0.244	0.241	0.253	0.239	0.234	0.242	2.78
7) S	Chloroethane-d5	0.300	0.322	0.339	0.313	0.323	0.319	4.49
8) T	Chloroethane	0.302	0.294	0.295	0.269	0.260	0.284	6.43
9) T	Trichlorofluorometh	0.644	0.670	0.669	0.627	0.594	0.641	4.97
10) T	1,1,2-Trichloro-1,2	0.421	0.420	0.432	0.411	0.395	0.416	3.31
11) S	1,1-Dichloroethene-	0.773	0.806	0.847	0.810	0.814	0.810	3.26
12) T	1,1-Dichloroethene	0.326	0.362	0.387	0.358	0.351	0.357	6.16
13) T	Acetone	0.102	0.106	0.110	0.100	0.096	0.103	5.18
14) T	Carbon disulfide	0.945	1.032	1.067	0.998	0.952	0.999	5.23
15) T	Methyl Acetate	0.216	0.246	0.251	0.236	0.225	0.235	6.28
16) T	Methylene chloride	0.532	0.481	0.458	0.422	0.397	0.458	11.49
17) T	Methyl tert-butyl E	0.900	0.956	1.069	1.061	1.058	1.009	7.58
18) T	trans-1,2-Dichloroe	0.372	0.371	0.391	0.370	0.363	0.373	2.84
19) T	1,1-Dichloroethane	0.731	0.793	0.818	0.770	0.750	0.772	4.46
20) S	2-Butanone-d5	0.123	0.116	0.142	0.137	0.145	0.133	9.55
21) T	2-Butanone	0.136	0.160	0.179	0.164	0.163	0.160	9.73
22) T	cis-1,2-Dichloroeth	0.367	0.384	0.429	0.423	0.411	0.403	6.51
23) T	Bromochloromethane	0.203	0.199	0.211	0.198	0.190	0.200	3.86
24) S	Chloroform-d	0.672	0.720	0.775	0.726	0.741	0.727	5.17
25) T	Chloroform	0.744	0.808	0.848	0.786	0.757	0.789	5.24
26) S	1,2-Dichloroethane-	0.445	0.458	0.454	0.427	0.431	0.443	3.05
27) T	1,2-Dichloroethane	0.551	0.560	0.587	0.551	0.542	0.558	3.09

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.616	0.673	0.711	0.699	0.660	0.672	5.53
30) T	Cyclohexane	0.516	0.549	0.670	0.686	0.675	0.619	12.93
31) T	Carbon tetrachlorid	0.518	0.565	0.618	0.601	0.573	0.575	6.67
32) S	Benzene-d6	1.149	1.320	1.443	1.413	1.415	1.348	8.96
33) T	Benzene	1.463	1.541	1.752	1.681	1.595	1.606	7.06
34) T	Trichloroethene	0.390	0.402	0.441	0.432	0.417	0.416	5.04
35) T	Methylcyclohexane	0.485	0.520	0.642	0.652	0.653	0.590	13.80
36) S	1,2-Dichloropropane	0.422	0.438	0.460	0.459	0.459	0.448	3.85
37) T	1,2-Dichloropropane	0.414	0.428	0.493	0.463	0.439	0.448	6.96
38) T	Bromodichloromethan	0.517	0.567	0.615	0.593	0.569	0.572	6.41
39) T	cis-1,3-Dichloropro	0.500	0.550	0.661	0.675	0.672	0.612	13.25
40) T	4-Methyl-2-pentanone	0.289	0.319	0.400	0.392	0.384	0.357	13.98
41) S	Toluene-d8	0.980	1.150	1.323	1.289	1.295	1.207	11.90
42) T	Toluene	1.402	1.515	1.829	1.769	1.669	1.637	10.83
43) S	trans-1,3-Dichlorop	0.164	0.162	0.207	0.203	0.213	0.190	13.07
44) T	trans-1,3-Dichlorop	0.467	0.499	0.625	0.616	0.608	0.563	13.21
45) T	1,1,2-Trichloroetha	0.318	0.340	0.360	0.337	0.321	0.335	5.11
46) S	2-Hexanone-d5	0.072	0.078	0.109	0.112	0.118	0.098	21.68
47) T	Tetrachloroethene	0.243	0.291	0.328	0.319	0.304	0.297	11.25
48) T	2-Hexanone	0.215	0.235	0.301	0.293	0.285	0.266	14.37
49) T	Dibromochloromethan	0.344	0.364	0.423	0.407	0.391	0.386	8.32
50) T	1,2-Dibromoethane	0.308	0.311	0.334	0.327	0.311	0.318	3.71
51) T	Chlorobenzene	0.990	1.059	1.156	1.123	1.062	1.078	5.97
52) T	Ethylbenzene	1.438	1.595	1.951	1.974	1.898	1.771	13.59

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.480	0.571	0.742	0.737	0.699	0.646	17.90
54) T	o-Xylene	0.462	0.542	0.713	0.713	0.675	0.621	18.23
55) T	Styrene	0.761	0.915	1.253	1.262	1.200	1.078	21.05
56) T	Isopropylbenzene	1.251	1.431	1.898	1.916	1.863	1.672	18.50
57) S	1,1,2,2-Tetrachloro	0.382	0.388	0.419	0.406	0.413	0.402	3.99
58) T	1,1,2,2-Tetrachloro	0.408	0.440	0.463	0.448	0.441	0.440	4.55
59)	1,2,3-Trichloroprop	0.303	0.331	0.344	0.338	0.328	0.329	4.75
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.420	0.416	0.459	0.431	0.416	0.429	4.24
62) T	1,3-Dichlorobenzene	1.492	1.576	1.779	1.709	1.626	1.636	6.86
63) T	1,4-Dichlorobenzene	1.564	1.684	1.811	1.730	1.648	1.687	5.47
64) S	1,2-Dichlorobenzene	0.977	0.892	0.923	0.919	0.924	0.927	3.36
65) T	1,2-Dichlorobenzene	1.468	1.593	1.712	1.649	1.577	1.600	5.67
66) T	1,2-Dibromo-3-chlor	0.103	0.153	0.149	0.152	0.143	0.140	14.85
67)	1,3,5-Trichlorobenz	1.036	1.130	1.218	1.226	1.196	1.161	6.86
68) T	1,2,4-trichlorobenz	0.646	0.742	0.979	1.067	1.052	0.897	21.35
69)	Naphthalene	0.682	0.974	1.622	1.980	2.079	1.468	42.02
70) T	1,2,3-Trichlorobenz	0.598	0.673	0.948	0.983	0.964	0.833	21.96

(#) = Out of Range