

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SOMUTR121220WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Sun Dec 13 11:18:43 2020
 Response Via : Initial Calibration

Calibration Files

0.5 =VU041573.D 1 =VU041574.D 5 =VU041575.D
 10 =VU041576.D 20 =VU041577.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.381	0.437	0.440	0.428	0.432	0.424	5.73
3) T	Chloromethane	0.387	0.411	0.435	0.411	0.414	0.412	4.13
4) S	Vinyl Chloride-d3	0.373	0.383	0.398	0.398	0.402	0.391	3.18
5) T	Vinyl chloride	0.444	0.468	0.465	0.444	0.451	0.454	2.51
6) T	Bromomethane	0.272	0.294	0.293	0.278	0.283	0.284	3.41
7) S	Chloroethane-d5	0.294	0.296	0.308	0.307	0.309	0.303	2.40
8) T	Chloroethane	0.384	0.301	0.313	0.278	0.266	0.309	14.92
9) T	Trichlorofluorometh	0.518	0.552	0.616	0.587	0.602	0.575	6.91
10) T	1,1,2-Trichloro-1,2	0.299	0.363	0.357	0.348	0.352	0.344	7.44
11) S	1,1-Dichloroethene-	0.659	0.738	0.725	0.730	0.747	0.720	4.87
12) T	1,1-Dichloroethene	0.330	0.327	0.350	0.340	0.349	0.339	3.18
13) T	Acetone	0.072	0.069	0.074	0.071	0.072	0.071	2.48
14) T	Carbon disulfide	1.079	1.177	1.225	1.178	1.203	1.172	4.76
15) T	Methyl Acetate	0.166	0.195	0.197	0.182	0.187	0.186	6.68
16) T	Methylene chloride	0.441	0.419	0.401	0.382	0.383	0.405	6.20
17) T	Methyl tert-butyl E	0.785	0.886	0.955	0.932	0.967	0.905	8.18
18) T	trans-1,2-Dichloroe	0.311	0.344	0.374	0.357	0.368	0.351	7.13
19) T	1,1-Dichloroethane	0.608	0.679	0.680	0.665	0.647	0.656	4.56
20) S	2-Butanone-d5	0.089	0.116	0.115	0.118	0.123	0.112	11.93
21) T	2-Butanone	0.095	0.112	0.124	0.118	0.132	0.116	12.21
22) T	cis-1,2-Dichloroeth	0.354	0.391	0.405	0.391	0.397	0.388	5.03
23) T	Bromochloromethane	0.151	0.184	0.189	0.187	0.179	0.178	8.70
24) S	Chloroform-d	0.601	0.707	0.674	0.680	0.686	0.670	5.99
25) T	Chloroform	0.625	0.662	0.701	0.650	0.665	0.660	4.18
26) S	1,2-Dichloroethane-	0.359	0.410	0.375	0.375	0.381	0.380	4.84
27) T	1,2-Dichloroethane	0.419	0.451	0.471	0.449	0.445	0.447	4.18

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.499	0.556	0.606	0.600	0.609	0.574	8.21
30) T	Cyclohexane	0.544	0.584	0.688	0.683	0.720	0.644	11.75
31) T	Carbon tetrachlorid	0.433	0.475	0.530	0.516	0.530	0.496	8.49
32) S	Benzene-d6	1.278	1.423	1.438	1.507	1.512	1.432	6.63
33) T	Benzene	1.451	1.535	1.700	1.644	1.665	1.599	6.45
34) T	Trichloroethene	0.336	0.395	0.428	0.417	0.433	0.402	9.84
35) T	Methylcyclohexane	0.546	0.575	0.687	0.702	0.738	0.650	12.97
36) S	1,2-Dichloropropane	0.392	0.470	0.451	0.468	0.464	0.449	7.25
37) T	1,2-Dichloropropane	0.367	0.417	0.422	0.420	0.419	0.409	5.78
38) T	Bromodichloromethan	0.444	0.510	0.536	0.523	0.531	0.509	7.37
39) T	cis-1,3-Dichloropro	0.501	0.556	0.653	0.649	0.671	0.606	12.20
40) T	4-Methyl-2-pentanone	0.248	0.250	0.318	0.312	0.329	0.291	13.44
41) S	Toluene-d8	1.121	1.249	1.321	1.388	1.383	1.292	8.60
42) T	Toluene	1.406	1.563	1.794	1.742	1.751	1.651	9.89
43) S	trans-1,3-Dichlorop	0.192	0.182	0.206	0.209	0.220	0.202	7.44
44) T	trans-1,3-Dichlorop	0.433	0.498	0.586	0.584	0.609	0.542	13.68
45) T	1,1,2-Trichloroetha	0.253	0.283	0.337	0.315	0.324	0.302	11.30
46) S	2-Hexanone-d5	0.086	0.097	0.114	0.124	0.130	0.110	16.69
47) T	Tetrachloroethene	0.234	0.281	0.300	0.293	0.298	0.281	9.72
48) T	2-Hexanone	0.163	0.187	0.233	0.232	0.244	0.212	16.58
49) T	Dibromochloromethan	0.303	0.325	0.370	0.367	0.373	0.347	9.09
50) T	1,2-Dibromoethane	0.278	0.279	0.321	0.305	0.313	0.299	6.55
51) T	Chlorobenzene	0.908	0.984	1.096	1.056	1.087	1.026	7.76
52) T	Ethylbenzene	1.445	1.599	1.925	1.891	1.930	1.758	12.66

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.494	0.584	0.750	0.718	0.732	0.656	16.99
54) T	o-Xylene	0.516	0.558	0.709	0.704	0.724	0.642	15.18
55) T	Styrene	0.809	0.989	1.236	1.240	1.273	1.109	18.28
56) T	Isopropylbenzene	1.340	1.539	1.855	1.867	1.946	1.709	15.13
57) S	1,1,2,2-Tetrachloro	0.375	0.379	0.407	0.430	0.448	0.408	7.74
58) T	1,1,2,2-Tetrachloro	0.361	0.400	0.440	0.441	0.461	0.421	9.51
59)	1,2,3-Trichloroprop	0.270	0.306	0.324	0.313	0.324	0.307	7.22
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.316	0.338	0.412	0.428	0.397	0.378	12.90
62) T	1,3-Dichlorobenzene	1.400	1.495	1.616	1.595	1.540	1.529	5.64
63) T	1,4-Dichlorobenzene	1.383	1.505	1.647	1.593	1.560	1.538	6.54
64) S	1,2-Dichlorobenzene	0.870	0.898	0.870	0.915	0.892	0.889	2.14
65) T	1,2-Dichlorobenzene	1.395	1.494	1.555	1.536	1.507	1.497	4.14
66) T	1,2-Dibromo-3-chlor	0.142	0.127	0.152	0.148	0.133	0.140	7.07
67)	1,3,5-Trichlorobenz	1.030	1.108	1.237	1.221	1.208	1.161	7.65
68) T	1,2,4-trichlorobenz	0.837	0.849	1.140	1.061	0.983	0.974	13.54
69)	Naphthalene	1.682	1.659	2.259	2.295	2.188	2.016	15.79
70) T	1,2,3-Trichlorobenz	0.855	0.772	1.063	1.069	0.884	0.928	14.22

(#) = Out of Range