

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMUTR042419WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Thu Apr 25 05:56:32 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VU031458.D 1 =VU031459.D 5 =VU031460.D
 10 =VU031461.D 20 =VU031462.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.459	0.392	0.441	0.438	0.415	0.429	6.03
3) T	Chloromethane	0.570	0.492	0.543	0.530	0.508	0.529	5.76
4) S	Vinyl Chloride-d3	0.397	0.383	0.413	0.411	0.399	0.401	3.07
5) T	Vinyl chloride	0.531	0.501	0.537	0.527	0.512	0.522	2.83
6) T	Bromomethane	0.281	0.258	0.268	0.269	0.264	0.268	3.15
7) S	Chloroethane-d5	0.289	0.306	0.306	0.319	0.308	0.305	3.54
8) T	Chloroethane	0.298	0.298	0.302	0.294	0.286	0.295	2.05
9) T	Trichlorofluorometh	0.638	0.540	0.616	0.617	0.594	0.601	6.19
10) T	1,1,2-Trichloro-1,2	0.379	0.323	0.351	0.347	0.336	0.347	6.02
11) S	1,1-Dichloroethene-	0.764	0.708	0.769	0.772	0.752	0.753	3.52
12) T	1,1-Dichloroethene	0.373	0.336	0.354	0.342	0.333	0.347	4.64
13) T	Acetone	0.076	0.077	0.079	0.076	0.073	0.076	3.05
14) T	Carbon disulfide	1.188	1.083	1.193	1.183	1.129	1.155	4.13
15) T	Methyl Acetate	0.212	0.212	0.215	0.212	0.202	0.211	2.44
16) T	Methylene chloride	0.437	0.382	0.396	0.382	0.368	0.393	6.70
17) T	Methyl tert-butyl E	1.017	0.917	1.009	1.000	0.960	0.981	4.27
18) T	trans-1,2-Dichloroe	0.375	0.346	0.373	0.376	0.359	0.366	3.51
19) T	1,1-Dichloroethane	0.719	0.657	0.716	0.706	0.683	0.696	3.74
20) S	2-Butanone-d5	0.094	0.093	0.115	0.118	0.117	0.107	11.94
21) T	2-Butanone	0.108	0.099	0.126	0.126	0.121	0.116	10.56
22) T	cis-1,2-Dichloroeth	0.394	0.340	0.388	0.390	0.380	0.379	5.80
23) T	Bromochloromethane	0.155	0.157	0.171	0.170	0.162	0.163	4.43
24) S	Chloroform-d	0.604	0.611	0.658	0.659	0.641	0.635	4.09
25) T	Chloroform	0.663	0.597	0.663	0.667	0.638	0.646	4.55
26) S	1,2-Dichloroethane-	0.336	0.326	0.342	0.347	0.336	0.338	2.31
27) T	1,2-Dichloroethane	0.440	0.398	0.432	0.432	0.419	0.424	3.83

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.584	0.523	0.584	0.578	0.591	0.572	4.87
30) T	Cyclohexane	0.673	0.617	0.700	0.723	0.729	0.689	6.62
31) T	Carbon tetrachlorid	0.499	0.449	0.510	0.497	0.506	0.492	5.04
32) S	Benzene-d6	1.320	1.266	1.378	1.395	1.431	1.358	4.80
33) T	Benzene	1.577	1.428	1.575	1.558	1.589	1.545	4.31
34) T	Trichloroethene	0.443	0.374	0.409	0.400	0.410	0.407	6.03
35) T	Methylcyclohexane	0.584	0.511	0.613	0.639	0.666	0.603	9.87
36) S	1,2-Dichloropropane	0.422	0.411	0.449	0.457	0.466	0.441	5.35
37) T	1,2-Dichloropropane	0.423	0.380	0.421	0.422	0.424	0.414	4.62
38) T	Bromodichloromethan	0.485	0.453	0.491	0.494	0.499	0.484	3.75
39) T	cis-1,3-Dichloropro	0.559	0.497	0.588	0.606	0.628	0.576	8.77
40) T	4-Methyl-2-pentanone	0.276	0.254	0.293	0.294	0.300	0.283	6.56
41) S	Toluene-d8	1.121	1.145	1.220	1.259	1.273	1.204	5.64
42) T	Toluene	1.505	1.403	1.586	1.613	1.647	1.551	6.31
43) S	trans-1,3-Dichlorop	0.155	0.164	0.179	0.177	0.189	0.173	7.63
44) T	trans-1,3-Dichlorop	0.419	0.379	0.462	0.473	0.494	0.445	10.34
45) T	1,1,2-Trichloroetha	0.267	0.268	0.298	0.291	0.287	0.282	5.00
46) S	2-Hexanone-d5	0.067	0.074	0.091	0.094	0.100	0.085	16.40
47) T	Tetrachloroethene	0.287	0.257	0.297	0.287	0.295	0.285	5.74
48) T	2-Hexanone	0.188	0.164	0.212	0.213	0.215	0.199	11.13
49) T	Dibromochloromethan	0.331	0.273	0.321	0.324	0.332	0.316	7.78
50) T	1,2-Dibromoethane	0.258	0.253	0.285	0.282	0.276	0.271	5.33
51) T	Chlorobenzene	0.913	0.884	0.971	0.957	0.979	0.941	4.32
52) T	Ethylbenzene	1.621	1.430	1.708	1.720	1.776	1.651	8.21

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.543	0.498	0.608	0.630	0.661	0.588	11.31
54) T	o-Xylene	0.519	0.511	0.618	0.612	0.643	0.580	10.48
55) T	Styrene	0.805	0.782	1.044	1.059	1.111	0.960	16.08
56) T	Isopropylbenzene	1.396	1.306	1.607	1.658	1.701	1.534	11.27
57) S	1,1,2,2-Tetrachloro	0.337	0.327	0.360	0.360	0.374	0.352	5.49
58) T	1,1,2,2-Tetrachloro	0.356	0.328	0.373	0.368	0.370	0.359	5.19
59)	1,2,3-Trichloroprop	0.261	0.243	0.272	0.260	0.269	0.261	4.27
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.377	0.385	0.412	0.400	0.393	0.393	3.39
62) T	1,3-Dichlorobenzene	1.466	1.372	1.553	1.501	1.509	1.480	4.58
63) T	1,4-Dichlorobenzene	1.601	1.477	1.574	1.526	1.531	1.542	3.11
64) S	1,2-Dichlorobenzene	0.878	0.829	0.926	0.916	0.921	0.894	4.62
65) T	1,2-Dichlorobenzene	1.477	1.395	1.521	1.472	1.475	1.468	3.11
66) T	1,2-Dibromo-3-chlor	0.126	0.107	0.133	0.123	0.126	0.123	7.93
67)	1,3,5-Trichlorobenz	1.103	1.000	1.164	1.174	1.182	1.125	6.80
68) T	1,2,4-trichlorobenz	0.810	0.713	0.927	0.962	1.019	0.886	13.94
69)	Naphthalene	1.713	1.178	1.816	1.896	2.056	1.732	19.29
70) T	1,2,3-Trichlorobenz	0.825	0.737	0.909	0.936	0.965	0.874	10.67

(#) = Out of Range