

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SOMUTR120319WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Tue Dec 03 18:24:34 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VU035946.D 1 =VU035941.D 5 =VU035942.D
 10 =VU035943.D 20 =VU035944.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.565	0.471	0.529	0.519	0.504	0.518	6.65
3) T	Chloromethane	0.675	0.564	0.580	0.578	0.559	0.591	8.10
4) S	Vinyl Chloride-d3	0.620	0.581	0.546	0.559	0.542	0.570	5.64
5) T	Vinyl chloride	0.622	0.564	0.608	0.610	0.583	0.597	3.95
6) T	Bromomethane	0.370	0.327	0.336	0.341	0.339	0.342	4.73
7) S	Chloroethane-d5	0.506	0.446	0.438	0.453	0.441	0.457	6.11
8) T	Chloroethane	0.436	0.360	0.360	0.347	0.349	0.370	9.97
9) T	Trichlorofluorometh	0.752	0.661	0.721	0.703	0.670	0.701	5.34
10) T	1,1,2-Trichloro-1,2	0.392	0.375	0.397	0.386	0.371	0.384	2.87
11) S	1,1-Dichloroethene-	0.898	0.815	0.798	0.808	0.773	0.819	5.76
12) T	1,1-Dichloroethene	0.375	0.328	0.367	0.369	0.352	0.358	5.26
13) T	Acetone	0.123	0.098	0.083	0.077	0.075	0.091	22.13
14) T	Carbon disulfide	1.389	1.182	1.250	1.254	1.201	1.255	6.44
15) T	Methyl Acetate	0.179	0.142	0.167	0.165	0.164	0.164	8.17
16) T	Methylene chloride	0.908	0.575	0.451	0.433	0.408	0.555	37.37
17) T	Methyl tert-butyl E	0.850	0.713	0.843	0.893	0.899	0.839	8.94
18) T	trans-1,2-Dichloroe	0.411	0.345	0.386	0.381	0.375	0.379	6.29
19) T	1,1-Dichloroethane	0.780	0.696	0.748	0.756	0.729	0.742	4.21
20) S	2-Butanone-d5	0.112	0.085	0.101	0.103	0.104	0.101	9.83
21) T	2-Butanone	0.129	0.098	0.118	0.121	0.119	0.117	9.79
22) T	cis-1,2-Dichloroeth	0.400	0.358	0.401	0.423	0.423	0.401	6.56
23) T	Bromochloromethane	0.188	0.168	0.191	0.187	0.184	0.183	5.04
24) S	Chloroform-d	0.844	0.783	0.755	0.787	0.744	0.783	4.96
25) T	Chloroform	0.800	0.708	0.761	0.756	0.717	0.748	4.96
26) S	1,2-Dichloroethane-	0.499	0.410	0.388	0.399	0.376	0.414	11.78
27) T	1,2-Dichloroethane	0.527	0.433	0.484	0.482	0.465	0.478	7.17

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.605	0.571	0.613	0.623	0.611	0.605	3.30
30) T	Cyclohexane	0.555	0.454	0.605	0.672	0.700	0.597	16.44
31) T	Carbon tetrachlorid	0.541	0.508	0.541	0.553	0.538	0.536	3.12
32) S	Benzene-d6	1.496	1.372	1.466	1.558	1.511	1.481	4.68
33) T	Benzene	1.515	1.373	1.643	1.686	1.645	1.572	8.20
34) T	Trichloroethene	0.415	0.353	0.397	0.413	0.411	0.398	6.48
35) T	Methylcyclohexane	0.525	0.452	0.611	0.678	0.715	0.596	18.12
36) S	1,2-Dichloropropane	0.506	0.472	0.457	0.484	0.477	0.479	3.72
37) T	1,2-Dichloropropane	0.447	0.384	0.426	0.441	0.431	0.426	5.84
38) T	Bromodichloromethan	0.502	0.467	0.524	0.533	0.522	0.510	5.21
39) T	cis-1,3-Dichloropro	0.549	0.423	0.581	0.623	0.648	0.565	15.54
40) T	4-Methyl-2-pentanone	0.255	0.193	0.258	0.271	0.274	0.250	13.10
41) S	Toluene-d8	1.367	1.198	1.379	1.452	1.421	1.363	7.24
42) T	Toluene	1.550	1.325	1.743	1.804	1.790	1.642	12.45
43) S	trans-1,3-Dichlorop	0.191	0.185	0.186	0.205	0.200	0.194	4.65
44) T	trans-1,3-Dichlorop	0.464	0.410	0.491	0.519	0.530	0.483	9.95
45) T	1,1,2-Trichloroetha	0.289	0.257	0.302	0.304	0.297	0.290	6.62
46) S	2-Hexanone-d5	0.067	0.051	0.078	0.090	0.094	0.076	23.04
47) T	Tetrachloroethene	0.328	0.292	0.330	0.333	0.333	0.323	5.42
48) T	2-Hexanone	0.188	0.126	0.200	0.206	0.205	0.185	18.37
49) T	Dibromochloromethan	0.380	0.306	0.355	0.364	0.362	0.353	7.97
50) T	1,2-Dibromoethane	0.308	0.236	0.291	0.287	0.285	0.281	9.58
51) T	Chlorobenzene	1.038	0.870	1.053	1.081	1.088	1.026	8.74
52) T	Ethylbenzene	1.495	1.285	1.702	1.868	1.951	1.660	16.43

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.538	0.465	0.668	0.721	0.742	0.627	19.22
54) T	o-Xylene	0.491	0.435	0.622	0.683	0.710	0.588	20.52
55) T	Styrene	0.773	0.676	1.078	1.191	1.227	0.989	25.29
56) T	Isopropylbenzene	1.293	1.125	1.607	1.797	1.887	1.542	21.12
57) S	1,1,2,2-Tetrachloro	0.474	0.369	0.383	0.398	0.391	0.403	10.16
58) T	1,1,2,2-Tetrachloro	0.418	0.344	0.396	0.392	0.394	0.389	6.94
59)	1,2,3-Trichloroprop	0.301	0.240	0.278	0.283	0.282	0.277	8.00
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.570	0.477	0.437	0.423	0.402	0.462	14.38
62) T	1,3-Dichlorobenzene	1.809	1.465	1.698	1.697	1.646	1.663	7.55
63) T	1,4-Dichlorobenzene	1.852	1.428	1.652	1.682	1.640	1.651	9.14
64) S	1,2-Dichlorobenzene	1.256	1.000	0.962	0.992	0.957	1.033	12.18
65) T	1,2-Dichlorobenzene	1.708	1.435	1.616	1.619	1.569	1.589	6.29
66) T	1,2-Dibromo-3-chlor	0.151	0.127	0.115	0.113	0.112	0.124	13.45
67)	1,3,5-Trichlorobenz	1.158	0.928	1.140	1.208	1.242	1.135	10.81
68) T	1,2,4-trichlorobenz	0.472	0.306	0.607	0.758	0.897	0.608	38.19
69)	Naphthalene	0.501	0.262	0.575	0.874	1.252	0.693	55.05
70) T	1,2,3-Trichlorobenz	0.530	0.312	0.595	0.738	0.836	0.602	33.51

(#) = Out of Range