

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SOMUTR041919WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Sat Apr 20 05:39:07 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VU031297.D 1 =VU031298.D 5 =VU031329.D
 10 =VU031300.D 20 =VU031301.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.588	0.514	0.588	0.564	0.621	0.575	6.90
3) T	Chloromethane	0.874	0.793	0.743	0.722	0.759	0.778	7.63
4) S	Vinyl Chloride-d3	0.534	0.523	0.567	0.567	0.628	0.564	7.24
5) T	Vinyl chloride	0.800	0.796	0.781	0.752	0.835	0.793	3.83
6) T	Bromomethane	0.452	0.436	0.433	0.408	0.467	0.439	5.02
7) S	Chloroethane-d5	0.418	0.423	0.459	0.451	0.493	0.449	6.82
8) T	Chloroethane	0.482	0.439	0.432	0.437	0.471	0.452	4.97
9) T	Trichlorofluorometh	1.089	0.989	0.936	0.951	1.021	0.997	6.14
10) T	1,1,2-Trichloro-1,2	0.560	0.537	0.516	0.517	0.564	0.539	4.24
11) S	1,1-Dichloroethene-	1.106	1.016	1.096	1.094	1.217	1.106	6.49
12) T	1,1-Dichloroethene	0.605	0.509	0.511	0.511	0.546	0.537	7.71
13) T	Acetone	0.125	0.131	0.115	0.109	0.119	0.120	7.07
14) T	Carbon disulfide	1.905	1.731	1.730	1.724	1.870	1.792	4.91
15) T	Methyl Acetate	0.379	0.365	0.289	0.284	0.321	0.328	13.24
16) T	Methylene chloride	0.891	0.635	0.573	0.560	0.598	0.652	21.03
17) T	Methyl tert-butyl E	1.525	1.395	1.352	1.397	1.520	1.438	5.52
18) T	trans-1,2-Dichloroe	0.645	0.557	0.526	0.526	0.578	0.566	8.69
19) T	1,1-Dichloroethane	0.766	0.764	0.901	0.738	0.782	0.790	8.07
20) S	2-Butanone-d5	0.088	0.100	0.111	0.114	0.126	0.108	13.55
21) T	2-Butanone	0.132	0.110	0.121	0.122	0.132	0.123	7.50
22) T	cis-1,2-Dichloroeth	0.459	0.439	0.413	0.418	0.460	0.438	5.04
23) T	Bromochloromethane	0.199	0.190	0.190	0.190	0.205	0.195	3.55
24) S	Chloroform-d	0.626	0.673	0.717	0.722	0.781	0.704	8.24
25) T	Chloroform	0.857	0.754	0.745	0.745	0.791	0.778	6.16
26) S	1,2-Dichloroethane-	0.345	0.368	0.392	0.386	0.412	0.381	6.63
27) T	1,2-Dichloroethane	0.510	0.516	0.476	0.482	0.525	0.502	4.30

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.692	0.660	0.674	0.630	0.720	0.675	4.98
30) T	Cyclohexane	0.704	0.634	0.654	0.677	0.771	0.688	7.72
31) T	Carbon tetrachlorid	0.646	0.595	0.572	0.564	0.638	0.603	6.21
32) S	Benzene-d6	1.266	1.281	1.420	1.410	1.591	1.394	9.41
33) T	Benzene	1.772	1.635	1.677	1.614	1.788	1.697	4.65
34) T	Trichloroethene	0.542	0.447	0.420	0.420	0.465	0.459	10.97
35) T	Methylcyclohexane	0.620	0.606	0.596	0.617	0.720	0.632	7.95
36) S	1,2-Dichloropropane	0.370	0.412	0.458	0.449	0.499	0.438	11.15
37) T	1,2-Dichloropropane	0.477	0.452	0.429	0.415	0.464	0.447	5.64
38) T	Bromodichloromethan	0.577	0.529	0.554	0.533	0.599	0.558	5.30
39) T	cis-1,3-Dichloropro	0.578	0.500	0.600	0.605	0.703	0.597	12.13
40) T	4-Methyl-2-pentanone	0.278	0.270	0.286	0.287	0.316	0.287	6.03
41) S	Toluene-d8	1.090	1.080	1.317	1.279	1.463	1.246	13.03
42) T	Toluene	1.608	1.585	1.720	1.716	1.927	1.711	7.89
43) S	trans-1,3-Dichlorop	0.142	0.148	0.186	0.185	0.216	0.175	17.39
44) T	trans-1,3-Dichlorop	0.485	0.426	0.491	0.499	0.569	0.494	10.34
45) T	1,1,2-Trichloroetha	0.349	0.306	0.301	0.305	0.334	0.319	6.69
46) S	2-Hexanone-d5	0.060	0.066	0.087	0.089	0.104	0.081	22.17
47) T	Tetrachloroethene	0.364	0.329	0.328	0.324	0.364	0.342	5.98
48) T	2-Hexanone	0.191	0.182	0.210	0.206	0.230	0.204	9.17
49) T	Dibromochloromethan	0.397	0.367	0.367	0.367	0.408	0.381	5.16
50) T	1,2-Dibromoethane	0.277	0.311	0.297	0.294	0.331	0.302	6.65
51) T	Chlorobenzene	1.111	0.996	1.063	1.025	1.162	1.071	6.22
52) T	Ethylbenzene	1.673	1.566	1.751	1.778	2.070	1.768	10.63

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.588	0.511	0.635	0.659	0.782	0.635	15.70
54) T	o-Xylene	0.585	0.529	0.633	0.634	0.747	0.626	12.86
55) T	Styrene	0.848	0.845	1.074	1.112	1.318	1.039	19.12
56) T	Isopropylbenzene	1.459	1.392	1.659	1.702	2.001	1.643	14.56
57) S	1,1,2,2-Tetrachloro	0.324	0.349	0.372	0.373	0.418	0.367	9.52
58) T	1,1,2,2-Tetrachloro	0.441	0.387	0.392	0.388	0.430	0.407	6.35
59)	1,2,3-Trichloroprop	0.322	0.283	0.280	0.273	0.302	0.292	6.70
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.490	0.538	0.457	0.448	0.470	0.481	7.40
62) T	1,3-Dichlorobenzene	1.693	1.596	1.621	1.587	1.725	1.644	3.72
63) T	1,4-Dichlorobenzene	1.735	1.560	1.635	1.601	1.752	1.657	5.07
64) S	1,2-Dichlorobenzene	0.962	0.916	0.986	0.964	1.044	0.975	4.75
65) T	1,2-Dichlorobenzene	1.789	1.575	1.674	1.614	1.716	1.674	5.02
66) T	1,2-Dibromo-3-chlor	0.130	0.147	0.142	0.127	0.135	0.136	6.09
67)	1,3,5-Trichlorobenz	1.343	1.450	1.276	1.270	1.415	1.351	5.99
68) T	1,2,4-trichlorobenz	0.889	0.794	1.001	0.993	1.193	0.974	15.29
69)	Naphthalene	2.095	1.671	1.676	1.830	2.287	1.912	14.19
70) T	1,2,3-Trichlorobenz	0.866	0.853	1.169	1.006	1.150	1.009	14.89

(#) = Out of Range