

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMUTR112119WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Thu Nov 21 17:24:32 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VU035793.D 1 =VU035794.D 5 =VU035795.D
 10 =VU035796.D 20 =VU035797.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.731	0.652	0.680	0.657	0.668	0.677	4.70
3) T	Chloromethane	0.970	0.792	0.846	0.773	0.789	0.834	9.69
4) S	Vinyl Chloride-d3	0.689	0.632	0.653	0.642	0.650	0.653	3.28
5) T	Vinyl chloride	0.938	0.772	0.855	0.793	0.816	0.835	7.83
6) T	Bromomethane	0.485	0.407	0.431	0.408	0.415	0.429	7.64
7) S	Chloroethane-d5	0.630	0.545	0.556	0.551	0.546	0.565	6.42
8) T	Chloroethane	0.491	0.490	0.501	0.465	0.469	0.483	3.20
9) T	Trichlorofluorometh	1.029	0.954	1.012	0.926	0.926	0.970	4.99
10) T	1,1,2-Trichloro-1,2	0.612	0.537	0.565	0.524	0.516	0.551	7.06
11) S	1,1-Dichloroethene-	1.329	1.162	1.214	1.182	1.184	1.214	5.50
12) T	1,1-Dichloroethene	0.594	0.494	0.523	0.494	0.496	0.520	8.25
13) T	Acetone	0.177	0.128	0.127	0.116	0.116	0.133	19.30
14) T	Carbon disulfide	1.939	1.678	1.752	1.634	1.637	1.728	7.38
15) T	Methyl Acetate	0.277	0.263	0.267	0.263	0.262	0.266	2.34
16) T	Methylene chloride	0.765	0.641	0.608	0.564	0.566	0.629	13.14
17) T	Methyl tert-butyl E	1.316	1.107	1.294	1.250	1.327	1.259	7.12
18) T	trans-1,2-Dichloroe	0.545	0.484	0.530	0.500	0.502	0.512	4.85
19) T	1,1-Dichloroethane	1.276	1.115	1.175	1.096	1.094	1.151	6.70
20) S	2-Butanone-d5	0.149	0.128	0.151	0.160	0.167	0.151	9.68
21) T	2-Butanone	0.178	0.141	0.172	0.171	0.178	0.168	9.08
22) T	cis-1,2-Dichloroeth	0.567	0.542	0.584	0.571	0.591	0.571	3.35
23) T	Bromochloromethane	0.261	0.234	0.261	0.242	0.245	0.249	4.82
24) S	Chloroform-d	1.149	1.062	1.101	1.103	1.114	1.106	2.82
25) T	Chloroform	1.229	1.056	1.163	1.072	1.080	1.120	6.58
26) S	1,2-Dichloroethane-	0.704	0.588	0.603	0.608	0.602	0.621	7.56
27) T	1,2-Dichloroethane	0.806	0.703	0.751	0.711	0.712	0.737	5.86

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.860	0.776	0.823	0.784	0.793	0.807	4.27
30) T	Cyclohexane	0.741	0.673	0.815	0.827	0.890	0.789	10.64
31) T	Carbon tetrachlorid	0.765	0.651	0.718	0.681	0.681	0.699	6.25
32) S	Benzene-d6	1.928	1.746	1.922	1.962	1.980	1.908	4.90
33) T	Benzene	2.153	1.888	2.201	2.095	2.099	2.087	5.73
34) T	Trichloroethene	0.525	0.494	0.526	0.498	0.516	0.512	2.97
35) T	Methylcyclohexane	0.713	0.636	0.752	0.795	0.859	0.751	11.23
36) S	1,2-Dichloropropane	0.638	0.610	0.658	0.646	0.662	0.643	3.26
37) T	1,2-Dichloropropane	0.631	0.561	0.604	0.579	0.586	0.592	4.46
38) T	Bromodichloromethan	0.750	0.681	0.728	0.689	0.699	0.709	4.05
39) T	cis-1,3-Dichloropro	0.730	0.663	0.796	0.791	0.851	0.766	9.36
40) T	4-Methyl-2-pentanone	0.364	0.300	0.375	0.379	0.399	0.363	10.33
41) S	Toluene-d8	1.691	1.535	1.810	1.881	1.884	1.760	8.42
42) T	Toluene	2.139	1.866	2.328	2.229	2.294	2.171	8.53
43) S	trans-1,3-Dichlorop	0.252	0.218	0.252	0.262	0.268	0.250	7.76
44) T	trans-1,3-Dichlorop	0.606	0.537	0.669	0.660	0.706	0.635	10.36
45) T	1,1,2-Trichloroetha	0.410	0.363	0.400	0.376	0.379	0.386	4.95
46) S	2-Hexanone-d5	0.078	0.073	0.103	0.118	0.131	0.101	24.99
47) T	Tetrachloroethene	0.410	0.374	0.397	0.385	0.381	0.389	3.64
48) T	2-Hexanone	0.262	0.232	0.285	0.268	0.291	0.268	8.69
49) T	Dibromochloromethan	0.466	0.420	0.476	0.455	0.458	0.455	4.61
50) T	1,2-Dibromoethane	0.362	0.322	0.372	0.351	0.358	0.353	5.31
51) T	Chlorobenzene	1.486	1.195	1.367	1.300	1.376	1.345	7.95
52) T	Ethylbenzene	2.157	1.858	2.305	2.350	2.555	2.245	11.54

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	Compound	0.5	1	5	10	20	Avg	%RSD

53) T	m,p-Xylene	0.711	0.584	0.848	0.888	0.927	0.791	17.90
54) T	o-Xylene	0.668	0.621	0.815	0.837	0.902	0.769	15.45
55) T	Styrene	1.048	0.871	1.429	1.453	1.574	1.275	23.51
56) T	Isopropylbenzene	1.763	1.522	2.193	2.236	2.439	2.031	18.51
57) S	1,1,2,2-Tetrachloro	0.570	0.500	0.539	0.541	0.557	0.541	4.88
58) T	1,1,2,2-Tetrachloro	0.582	0.505	0.532	0.515	0.535	0.534	5.57
59)	1,2,3-Trichloroprop	0.414	0.357	0.393	0.373	0.387	0.385	5.57
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.607	0.576	0.458	0.442	0.430	0.502	16.43
62) T	1,3-Dichlorobenzene	2.058	1.663	1.792	1.720	1.740	1.795	8.59
63) T	1,4-Dichlorobenzene	2.090	1.588	1.751	1.697	1.708	1.767	10.77
64) S	1,2-Dichlorobenzene	1.261	1.042	1.018	1.058	1.051	1.086	9.09
65) T	1,2-Dichlorobenzene	2.038	1.582	1.669	1.646	1.626	1.712	10.80
66) T	1,2-Dibromo-3-chlor	0.187	0.148	0.126	0.122	0.125	0.142	19.53
67)	1,3,5-Trichlorobenz	1.207	0.791	1.130	1.085	1.179	1.078	15.51
68) T	1,2,4-trichlorobenz	0.662	0.425	0.605	0.639	0.769	0.620	20.12
69)	Naphthalene	0.925	0.601	0.706	0.891	1.240	0.873	28.06
70) T	1,2,3-Trichlorobenz	0.634	0.440	0.596	0.629	0.714	0.603	16.75

(#) = Out of Range