Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071621\
Data File : VU044353.D
Acq On : 16 Jul 2021 14:56
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU071621

Quant Time: Jul 16 15:21:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 14:36:39 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	i	Fluorobenzene	1.000	1.000	0.0	98	0.00
2	T	Dichlorodifluoromethane	10.000	7.317	26.8	69	0.00
3	t	Chloromethane	10.000	8.976	10.2	86	0.00
4	Rt	Vinyl Chloride	10.000	9.569	4.3	90	0.00
5	T	Bromomethane	10.000	9.890	1.1	93	0.00
6	T	Chloroethane	10.000	9.505	4.9	95	0.00
7	T	Trichlorofluoromethane	10.000	10.280	-2.8	96	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.152	-1.5	95	0.00
9	Rt	1,1-Dichloroethene	10.000	10.632	-6.3	100	0.00
10	t	Iodomethane	10.000	10.861	-8.6	97	0.00
11	t	Allyl Chloride	10.000	10.965	-9.6	103	0.00
12	t	Acrylonitrile	20.000	54.250	-171.3#	229	0.00
13	T	Acetone	50.000	51.479	-3.0	87	0.00
14	T	Carbon Disulfide	10.000	10.216	-2.2	95	0.00
15	RT	Methylene Chloride	10.000	9.049	9.5	101	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.576	-5.8	101	0.00
17	t	1,1-Dichloroethane	10.000	10.877	-8.8	103	0.00
18	T	2-Butanone	50.000	49.857	0.3	84	0.00
19		Cyclohexane	10.000	10.383	-3.8	98	0.00
20		Methylcyclohexane	10.000	10.940	-9.4	100	0.00
21	T	2,2-Dichloropropane	10.000	10.625	-6.3	100	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.874	-8.7	103	0.00
23	t	Diethyl Ether	10.000	10.532	-5.3	98	0.00
24	t	tert-Butyl Alcohol	100.000	42.784	57.2#	38	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.894	-8.9	102	0.00
26	t	Bromochloromethane	10.000	9.684	3.2	94	0.00
27	t	Chloroform	10.000	10.503	-5.0	102	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.582	-5.8	100	0.00
29	T	1,1-Dichloropropene	10.000	10.480	-4.8	98	0.00
30	RT	Carbon Tetrachloride	10.000	10.807	-8.1	102	0.00
31	t	Isopropyl Ether	10.000	10.945	-9.5	102	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.52#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.96#
34	t	Propionitrile	50.000	91.725	-83.4#	163	0.00
35	RT	Benzene	10.000	10.777	-7.8	102	0.00
36	RT	1,2-Dichloroethane	10.000	10.560	-5.6	102	0.00
37	RT	Trichloroethene	10.000	10.713	-7.1	100	0.00
38	Rt	1,2-Dichloropropane	10.000	10.575	-5.7	100	0.00
39	t	Methacrylonitrile	10.000	10.330	-3.3	94	0.00
40	t	Methyl acrylate	10.000	9.925	0.7	90	0.00
41	t	Tetrahydrofuran	20.000	44.662	-123.3#	207	0.00
42	t	1-Chlorobutane	10.000	10.622	-6.2	101	0.00
43	T	Dibromomethane	10.000	11.292	-12.9	105	0.00
44	T	Bromodichloromethane	10.000	11.297	-13.0	106	0.00
45	T	4-Methyl-2-Pentanone	50.000	54.130	-8.3	101	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	19.532	2.3	85	0.00
47	t	Methyl methacrylate	20.000	10.945	45.3#	51	0.00
48	t	Ethyl methacrylate	10.000	10.768	-7.7	100	0.00
49	Rt	Toluene	10.000	10.945	-9.5	102	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.483	-14.8	104	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.530	-15.3	106	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.911	-9.1	104	0.00
53	t	1,3-Dichloropropane	10.000	10.809	-8.1	102	0.00
54	t	2-Hexanone	50.000	54.353	-8.7	101	0.00
55	t	Dibromochloromethane	10.000	11.052	-10.5	102	0.00
56	T	1,2-Dibromoethane	10.000	10.925	-9.3	103	0.00
57	S	4-Bromofluorobenzene	1.000	1.003	-0.3	98	0.00
58	RT	Tetrachloroethene	10.000	10.910	-9.1	101	0.00
59	Rt	Chlorobenzene	10.000	10.664	-6.6	99	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.831	-8.3	100	0.00
61	t	Pentachloroethane	10.000	11.368	-13.7	105	0.00
62	t	Hexachloroethane	10.000	11.348	-13.5	101	0.00
63	Rt	Ethyl Benzene	10.000	11.061	-10.6	102	0.00
64	RT	m/p-Xylenes	20.000	22.360	-11.8	103	0.00
65	RT	o-Xylene	10.000	11.261	-12.6	103	0.00
66	RT	Styrene	10.000	11.265	-12.7	103	0.00
67	t	Bromoform	10.000	11.530	-15.3	102	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.046	-4.6	101	0.00
69	T	Isopropylbenzene	10.000	11.084	-10.8	102	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.934	-9.3	102	0.00
71	T	1,2,3-Trichloropropane	10.000	9.793	2.1	92	0.00
72	t	Bromobenzene	10.000	10.868	-8.7	102	0.00
73	t	n-propylbenzene	10.000	11.222	-12.2	102	0.00
74	t	2-Chlorotoluene	10.000	11.003	-10.0	104	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.346	-13.5	104	0.00
76	t	4-Chlorotoluene	10.000	10.935	-9.4	103	0.00
77	t	tert-Butylbenzene	10.000	11.114	-11.1	102	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.135	-11.3	101	0.00
79	t	sec-Butylbenzene	10.000	11.183	-11.8	103	0.00
80		Nitrobenzene	50.000	11.179	77.6#	19	0.00
81	t	p-Isopropyltoluene	10.000	11.282	-12.8	103	0.00
82	t	1,3-Dichlorobenzene	10.000	11.091	-10.9	104	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.025	-10.3	104	0.00
84	t	n-Butylbenzene	10.000	11.482	-14.8	102	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.024	-10.2	104	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.096	-11.0	98	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.394	-13.9	102	0.00
88	t	Hexachlorobutadiene	10.000	11.272	-12.7	103	0.00
89	t	Naphthalene	10.000	11.714	-17.1	103	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.521	-15.2	104	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0