Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031721\
Data File : VU042691.D
Acq On : 17 Mar 2021 15:27
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU031721

Quant Time: Mar 18 07:28:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 18 07:25:09 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	101	0.00
2	T	Dichlorodifluoromethane	10.000	5.998	40.0#	61	0.00
3	t	Chloromethane	10.000	7.530	24.7	81	0.00
4	Rt	Vinyl Chloride	10.000	7.947	20.5	82	0.00
5	T	Bromomethane	10.000	9.503	5.0	93	0.00
6	T	Chloroethane	10.000	8.873	11.3	90	0.00
7	T	Trichlorofluoromethane	10.000	9.231	7.7	93	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	8.853	11.5	90	0.00
9	Rt	1,1-Dichloroethene	10.000	9.578	4.2	99	0.00
10	t	Iodomethane	10.000	9.769	2.3	97	0.00
11	t	Allyl Chloride	10.000	9.781	2.2	103	0.00
12	t	Acrylonitrile	20.000	49.231	-146.2#	245	0.00
13	T	Acetone	50.000	47.675	4.7	97	0.00
14	T	Carbon Disulfide	10.000	8.461	15.4	87	0.00
15	RT	Methylene Chloride	10.000	9.234	7.7	100	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.827	1.7	103	0.00
17	t	1,1-Dichloroethane	10.000	9.864	1.4	102	0.00
18	T	2-Butanone	50.000	46.535	6.9	96	0.00
19		Cyclohexane	10.000	8.777	12.2	91	0.00
20		Methylcyclohexane	10.000	9.993	0.1	96	0.00
21	T	2,2-Dichloropropane	10.000	9.569	4.3	100	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.276	-2.8	108	0.00
23	t	Diethyl Ether	10.000	9.627	3.7	97	0.00
24	t	tert-Butyl Alcohol	100.000	55.723	44.3#	48	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.901	1.0	104	0.00
26	t	Bromochloromethane	10.000	9.881	1.2	101	0.00
27	t	Chloroform	10.000	9.871	1.3	103	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.715	2.9	100	0.00
29	T	1,1-Dichloropropene	10.000	9.784	2.2	99	0.00
30	RT	Carbon Tetrachloride	10.000	10.095	-1.0	100	0.00
31	t	Isopropyl Ether	10.000	10.511	-5.1	110	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	107.183	-114.4#	187	0.00
35	RT	Benzene	10.000	10.123	-1.2	103	0.00
36	RT	1,2-Dichloroethane	10.000	10.160	-1.6	107	0.00
37	RT	Trichloroethene	10.000	10.360	-3.6	104	0.00
38	Rt	1,2-Dichloropropane	10.000	10.263	-2.6	105	0.00
39	t	Methacrylonitrile	10.000	9.632	3.7	100	0.00
40	t	Methyl acrylate	10.000	10.614	-6.1	99	0.00
41	t	Tetrahydrofuran	20.000	50.717	-153.6#	270	0.00
42	t	1-Chlorobutane	10.000	9.824	1.8	103	0.00
43	T	Dibromomethane	10.000	10.499	-5.0	102	0.00
44	T	Bromodichloromethane	10.000	10.938	-9.4	108	0.00
45	T	4-Methyl-2-Pentanone	50.000	53.001	-6.0	100	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	13.301	33.5#	70	0.00
47	t	Methyl methacrylate	20.000	10.835	45.8#	51	0.00
48	t	Ethyl methacrylate	10.000	10.684	-6.8	100	0.00
49	Rt	Toluene	10.000	10.876	-8.8	103	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.321	-13.2	105	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.385	-13.8	110	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.354	-3.5	105	0.00
53	t	1,3-Dichloropropane	10.000	10.347	-3.5	103	0.00
54	t	2-Hexanone	50.000	54.356	-8.7	100	0.00
55	t	Dibromochloromethane	10.000	11.014	-10.1	106	0.00
56	T	1,2-Dibromoethane	10.000	10.434	-4.3	104	0.00
57	S	4-Bromofluorobenzene	1.000	1.123	-12.3	103	0.00
58	RT	Tetrachloroethene	10.000	10.122	-1.2	103	0.00
59	Rt	Chlorobenzene	10.000	10.502	-5.0	102	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.720	-7.2	102	0.00
61	t	Pentachloroethane	10.000	11.688	-16.9	111	0.00
62	t	Hexachloroethane	10.000	11.543	-15.4	105	0.00
63	Rt	Ethyl Benzene	10.000	11.477	-14.8	104	0.00
64	RT	m/p-Xylenes	20.000	22.773	-13.9	103	0.00
65	RT	o-Xylene	10.000	11.323	-13.2	103	0.00
66	RT	Styrene	10.000	11.582	-15.8	102	0.00
67	t	Bromoform	10.000	10.986	-9.9	101	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.073	-7.3	101	0.00
69	T	Isopropylbenzene	10.000	11.963	-19.6	108	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.867	-8.7	104	0.00
71	T	1,2,3-Trichloropropane	10.000	10.709	-7.1	101	0.00
72	t	Bromobenzene	10.000	11.009	-10.1	105	0.00
73	t	n-propylbenzene	10.000	11.459	-14.6	102	0.00
74	t	2-Chlorotoluene	10.000	11.419	-14.2	105	0.00
75	t	1,3,5-Trimethylbenzene	10.000	12.347	-23.5	107	0.00
76	t	4-Chlorotoluene	10.000	11.473	-14.7	103	0.00
77	t	tert-Butylbenzene	10.000	11.454	-14.5	103	0.00
78	t	1,2,4-Trimethylbenzene	10.000	12.136	-21.4	106	0.00
79	t	sec-Butylbenzene	10.000	10.867	-8.7	97	0.00
80		Nitrobenzene	50.000	12.926	74.1#	20	0.00
81	t	p-Isopropyltoluene	10.000	12.025	-20.3	105	0.00
82	t	1,3-Dichlorobenzene	10.000	11.003	-10.0	103	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.137	-11.4	103	0.00
84	t	n-Butylbenzene	10.000	12.408	-24.1	107	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.023	-10.2	103	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.668	-16.7	102	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	12.399	-24.0	111	0.00
88	t	Hexachlorobutadiene	10.000	11.260	-12.6	105	0.00
89	t	Naphthalene	10.000	10.381	-3.8	111	0.00
90	t	1,2,3-Trichlorobenzene	10.000	12.324	-23.2	110	0.00

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