Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050420\
Data File : VU038002.D
Acq On : 04 May 2020 14:34
Operator : JC/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU050420

Quant Time: May 05 02:31:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U050420DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 05 02:20:02 2020
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	103	0.00
2	T	Dichlorodifluoromethane	10.000	6.312	36.9#	66	0.00
3	t	Chloromethane	10.000	7.888	21.1	86	0.00
4	Rt	Vinyl Chloride	10.000	8.570	14.3	90	0.00
5	T	Bromomethane	10.000	7.787	22.1	99	0.00
6	T	Chloroethane	10.000	8.921	10.8	94	0.00
7	T	Trichlorofluoromethane	10.000	9.453	5.5	99	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.534	4.7	100	0.00
9	Rt	1,1-Dichloroethene	10.000	9.798	2.0	105	0.00
10	t	Iodomethane	10.000	8.343	16.6	92	0.00
11	t	Allyl Chloride	10.000	10.190	-1.9	107	0.00
12	t	Acrylonitrile	20.000	48.679	-143.4#	256	0.00
13	T	Acetone	51.000	61.732	-21.0	132	0.00
14	T	Carbon Disulfide	10.000	9.173	8.3	98	0.00
15	RT	Methylene Chloride	10.000	9.614	3.9	102	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.893	1.1	105	0.00
17	t	1,1-Dichloroethane	10.000	9.855	1.4	105	0.00
18	T	2-Butanone	50.000	53.199	-6.4	114	0.00
19		Cyclohexane	10.000	9.449	5.5	100	0.00
20		Methylcyclohexane	10.000	10.053	-0.5	103	0.00
21	T	2,2-Dichloropropane	10.000	9.833	1.7	104	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.421	-4.2	110	0.00
23	t	Diethyl Ether	10.000	9.270	7.3	98	0.00
24	t	tert-Butyl Alcohol	100.000	45.251	54.7#	52	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.675	3.2	103	0.00
26	t	Bromochloromethane	10.000	8.160	18.4	87	0.00
27	t	Chloroform	10.000	9.964	0.4	107	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.036	-0.4	105	0.00
29	T	1,1-Dichloropropene	10.000	9.902	1.0	104	0.00
30	RT	Carbon Tetrachloride	10.000	10.123	-1.2	105	0.00
31	t	Isopropyl Ether	10.000	10.387	-3.9	109	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.55#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.98#
34	t	Propionitrile	50.000	98.534	-97.1#	212	0.00
35	RT	Benzene	10.000	10.007	-0.1	106	0.00
36	RT	1,2-Dichloroethane	10.000	9.996	0.0	107	0.00
37	RT	Trichloroethene	10.000	9.872	1.3	107	0.00
38	Rt	1,2-Dichloropropane	10.000	9.865	1.3	106	0.00
39	t	Methacrylonitrile	10.000	9.445	5.5	105	0.00
40	t	Methyl acrylate	10.000	10.081	-0.8	107	0.00
41	t	Tetrahydrofuran	20.000	47.067	-135.3#	267	0.00
42	t	1-Chlorobutane	10.000	9.783	2.2	103	0.00
43	T	Dibromomethane	10.000	9.857	1.4	107	0.00
44	T	Bromodichloromethane	10.000	10.246	-2.5	107	0.00
45	T	4-Methyl-2-Pentanone	50.000	49.749	0.5	105	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	14.221	28.9	67	0.00

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Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
47	t	Methyl methacrylate	20.000	10.008	50.0#	52	0.00
48	t	Ethyl methacrylate	10.000	10.790	-7.9	109	0.00
49	Rt	Toluene	10.000	10.229	-2.3	107	0.00
50	T	t-1,3-Dichloropropene	10.000	10.572	-5.7	109	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.634	-6.3	110	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.113	-1.1	108	0.00
53	t	1,3-Dichloropropane	10.000	10.043	-0.4	106	0.00
54	t	2-Hexanone	50.000	52.719	-5.4	112	0.00
55	t	Dibromochloromethane	10.000	10.576	-5.8	109	0.00
56	T	1,2-Dibromoethane	10.000	9.940	0.6	106	0.00
57	S	4-Bromofluorobenzene	1.000	1.011	-1.1	104	0.00
58	RT	Tetrachloroethene	10.000	10.600	-6.0	111	0.00
59	Rt	Chlorobenzene	10.000	9.952	0.5	105	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.409	-4.1	107	0.00
61	t	Pentachloroethane	10.000	10.398	-4.0	106	0.00
62	t	Hexachloroethane	10.000	9.849	1.5	102	0.00
63	Rt	Ethyl Benzene	10.000	10.587	-5.9	109	0.00
64	RT	m/p-Xylenes	20.000	21.241	-6.2	109	0.00
65	RT	o-Xylene	10.000	10.330	-3.3	107	0.00
66	RT	Styrene	10.000	10.787	-7.9	109	0.00
67	t	Bromoform	10.000	10.723	-7.2	109	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.030	-3.0	108	0.00
69	T	Isopropylbenzene	10.000	10.553	-5.5	108	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.126	-1.3	106	0.00
71	T	1,2,3-Trichloropropane	10.000	8.227	17.7	83	0.00
72	t	Bromobenzene	10.000	10.672	-6.7	110	0.00
73	t	n-propylbenzene	10.000	10.541	-5.4	106	0.00
74	t	2-Chlorotoluene	10.000	10.369	-3.7	108	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.831	-8.3	110	0.00
76	t	4-Chlorotoluene	10.000	10.682	-6.8	110	0.00
77	t	tert-Butylbenzene	10.000	10.397	-4.0	107	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.646	-6.5	109	0.00
79	t	sec-Butylbenzene	10.000	9.743	2.6	100	0.00
80		Nitrobenzene	50.000	8.450	83.1#	18	0.00
81	t	p-Isopropyltoluene	10.000	10.826	-8.3	109	0.00
82	t	1,3-Dichlorobenzene	10.000	10.140	-1.4	107	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.164	-1.6	108	0.00
84	t	n-Butylbenzene	10.000	11.118	-11.2	111	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.110	-1.1	107	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.883	1.2	108	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.618	-6.2	113	0.00
88	t	Hexachlorobutadiene	10.000	10.950	-9.5	113	0.00
89	t	Naphthalene	10.000	10.687	-6.9	111	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.781	-7.8	113	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)

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