Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041519\
Data File : VU031203.D
Acq On : 15 Apr 2019 23:40
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU041519

Quant Time: Apr 16 05:08:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:55:56 2019
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	6.126	38.7#	64	0.00
3	t	Chloromethane	10.000	7.894	21.1	83	0.00
4	Rt	Vinyl Chloride	10.000	8.444	15.6	90	0.00
5	T	Bromomethane	10.000	9.062	9.4	95	0.00
6	T	Chloroethane	10.000	8.873	11.3	96	0.00
7	T	Trichlorofluoromethane	10.000	8.858	11.4	95	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.209	-2.1	108	0.00
9	Rt	1,1-Dichloroethene	10.000	10.681	-6.8	113	0.00
10	t	Iodomethane	10.000	10.788	-7.9	106	0.00
11	t	Allyl Chloride	10.000	10.600	-6.0	108	0.00
12	t	Acrylonitrile	20.000	55.575	-177.9#	282	0.00
13	T	Acetone	51.000	50.173	1.6	108	0.00
14	T	Carbon Disulfide	10.000	9.721	2.8	102	0.00
15	RT	Methylene Chloride	10.000	9.170	8.3	102	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.556	-5.6	110	0.00
17	t	1,1-Dichloroethane	10.000	9.731	2.7	108	0.00
18	T	2-Butanone	50.000	54.711	-9.4	109	0.00
19		Cyclohexane	10.000	11.347	-13.5	115	0.00
20		Methylcyclohexane	10.000	11.497	-15.0	106	0.00
21	T	2,2-Dichloropropane	10.000	10.092	-0.9	109	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.751	-7.5	112	0.00
23	t	Diethyl Ether	10.000	9.760	2.4	100	0.00
24	t	tert-Butyl Alcohol	100.000	50.409	49.6#	51	0.01
25	t	Methyl tert-Butyl Ether	10.000	10.437	-4.4	106	0.00
26	t	Bromochloromethane	10.000	10.546	-5.5	112	0.00
27	t	Chloroform	10.000	10.328	-3.3	112	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.558	-5.6	114	0.00
29	T	1,1-Dichloropropene	10.000	11.041	-10.4	112	0.00
30	RT	Carbon Tetrachloride	10.000	10.524	-5.2	112	0.00
31	t	Isopropyl Ether	10.000	11.166	-11.7	120	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.07#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.58#
34	t	Propionitrile	50.000	120.291	-140.6#	237	0.00
35	RT	Benzene	10.000	10.846	-8.5	107	0.00
36	RT	1,2-Dichloroethane	10.000	10.501	-5.0	107	0.00
37	RT	Trichloroethene	10.000	9.923	0.8	105	0.00
38	Rt	1,2-Dichloropropane	10.000	10.773	-7.7	105	0.00
39	t	Methacrylonitrile	10.000	11.283	-12.8	113	0.00
40	t	Methyl acrylate	10.000	11.887	-18.9	125	0.00
41	t	Tetrahydrofuran	20.000	59.632	-198.2#	295	0.00
42	t	1-Chlorobutane	10.000	11.188	-11.9	110	0.00
43	T	Dibromomethane	10.000	10.486	-4.9	105	0.00
44	T	Bromodichloromethane	10.000	10.794	-7.9	108	0.00
45	T	4-Methyl-2-Pentanone	50.000	58.417	-16.8	104	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	10.158	49.2#	47	0.00

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ALS Vial : 13 Sample Multiplier: 1

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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)
47	t	Methyl methacrylate	20.000	11.681	41.6#	51	0.00
48	t	Ethyl methacrylate	10.000	10.474	-4.7	106	0.00
49	Rt	Toluene	10.000	11.803	-18.0	108	0.00
50	T	t-1,3-Dichloropropene	10.000	11.874	-18.7	109	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.583	-15.8	110	0.00
52	RT	1,1,2-Trichloroethane	10.000	11.007	-10.1	110	0.00
53	t	1,3-Dichloropropane	10.000	10.862	-8.6	105	0.00
54	t	2-Hexanone	50.000	60.297	-20.6	106	0.00
55	t	Dibromochloromethane	10.000	10.730	-7.3	106	0.00
56	T	1,2-Dibromoethane	10.000	10.885	-8.8	107	0.00
57	S	4-Bromofluorobenzene	1.000	1.026	-2.6	95	0.00
58	RT	Tetrachloroethene	10.000	10.844	-8.4	106	0.00
59	Rt	Chlorobenzene	10.000	10.996	-10.0	105	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.737	-7.4	107	0.00
61	t	Pentachloroethane	10.000	10.589	-5.9	107	0.00
62	t	Hexachloroethane	10.000	10.512	-5.1	105	0.00
63	Rt	Ethyl Benzene	10.000	12.370	-23.7	109	0.00
64	RT	m/p-Xylenes	20.000	24.589	-22.9	105	0.00
65	RT	o-Xylene	10.000	12.115	-21.2	108	0.00
66	RT	Styrene	10.000	10.831	-8.3	109	0.00
67	t	Bromoform	10.000	10.972	-9.7	105	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.971	2.9	97	0.00
69	T	Isopropylbenzene	10.000	12.541	-25.4	111	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.326	-3.3	104	0.00
71	T	1,2,3-Trichloropropane	10.000	11.523	-15.2	112	0.00
72	t	Bromobenzene	10.000	11.551	-15.5	108	0.00
73	t	n-propylbenzene	10.000	12.405	-24.0	107	0.00
74	t	2-Chlorotoluene	10.000	11.874	-18.7	105	0.00
75	t	1,3,5-Trimethylbenzene	10.000	12.783	-27.8	111	0.00
76	t	4-Chlorotoluene	10.000	12.391	-23.9	110	0.00
77	t	tert-Butylbenzene	10.000	11.784	-17.8	105	0.00
78	t	1,2,4-Trimethylbenzene	10.000	12.676	-26.8	108	0.00
79	t	sec-Butylbenzene	10.000	11.272	-12.7	100	0.00
80		Nitrobenzene	50.000	12.195	75.6#	16	0.01
81	t	p-Isopropyltoluene	10.000	12.548	-25.5	109	0.00
82	t	1,3-Dichlorobenzene	10.000	10.855	-8.6	103	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.470	-14.7	104	0.00
84	t	n-Butylbenzene	10.000	12.570	-25.7	109	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.932	-9.3	104	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.755	-17.6	102	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	13.021	-30.2#	114	0.00
88	t	Hexachlorobutadiene	10.000	10.849	-8.5	110	0.00
89	t	Naphthalene	10.000	11.185	-11.9	116	0.00
90	t	1,2,3-Trichlorobenzene	10.000	12.386	-23.9	110	0.00

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

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