Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042619\
Data File : VU031512.D
Acq On : 25 Apr 2019 22:03
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU042619

Quant Time: Apr 26 05:46:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 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	6.199	38.0#	67	0.00
3	t	Chloromethane	10.000	7.729	22.7	85	0.00
4	Rt	Vinyl Chloride	10.000	8.139	18.6	88	0.00
5	T	Bromomethane	10.000	8.823	11.8	100	0.00
6	T	Chloroethane	10.000	8.678	13.2	97	0.00
7	T	Trichlorofluoromethane	10.000	8.926	10.7	97	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.243	-2.4	111	0.00
9	Rt	1,1-Dichloroethene	10.000	10.479	-4.8	113	0.00
10	t	Iodomethane	10.000	9.948	0.5	96	0.00
11	t	Allyl Chloride	10.000	9.977	0.2	107	0.00
12	t	Acrylonitrile	20.000	49.541	-147.7#	281	0.00
13	T	Acetone	51.000	44.959	11.8	104	0.00
14	T	Carbon Disulfide	10.000	9.200	8.0	100	0.00
15	RT	Methylene Chloride	10.000	9.411	5.9	109	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.943	0.6	106	0.00
17	t	1,1-Dichloroethane	10.000	9.959	0.4	107	0.00
18	T	2-Butanone	50.000	52.412	-4.8	104	0.00
19		Cyclohexane	10.000	11.358	-13.6	109	0.00
20		Methylcyclohexane	10.000	11.818	-18.2	107	0.00
21	T	2,2-Dichloropropane	10.000	9.142	8.6	99	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.200	-2.0	106	0.00
23	t	Diethyl Ether	10.000	9.671	3.3	103	0.00
24	t	tert-Butyl Alcohol	100.000	49.314	50.7#	53	-0.01
25	t	Methyl tert-Butyl Ether	10.000	10.206	-2.1	106	0.00
26	t	Bromochloromethane	10.000	10.057	-0.6	106	0.00
27	t	Chloroform	10.000	9.899	1.0	105	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.046	-0.5	108	0.00
29	T	1,1-Dichloropropene	10.000	11.056	-10.6	106	0.00
30	RT	Carbon Tetrachloride	10.000	10.043	-0.4	108	0.00
31	t	Isopropyl Ether	10.000	11.524	-15.2	117	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	115.932	-131.9#	225	0.00
35	RT	Benzene	10.000	10.580	-5.8	107	0.00
36	RT	1,2-Dichloroethane	10.000	10.149	-1.5	108	0.00
37	RT	Trichloroethene	10.000	9.985	0.2	104	0.00
38	Rt	1,2-Dichloropropane	10.000	10.464	-4.6	108	0.00
39	t	Methacrylonitrile	10.000	11.784	-17.8	109	0.00
40	t	Methyl acrylate	10.000	10.172	-1.7	98	0.00
41	t	Tetrahydrofuran	20.000	58.355	-191.8#	291	0.00
42	t	1-Chlorobutane	10.000	11.109	-11.1	108	0.00
43	T	Dibromomethane	10.000	10.332	-3.3	109	0.00
44	T	Bromodichloromethane	10.000	10.559	-5.6	111	0.00
45	T	4-Methyl-2-Pentanone	50.000	57.328	-14.7	107	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	12.316	38.4#	57	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	12.035	39.8#	53	0.00
48	t	Ethyl methacrylate	10.000	12.666	-26.7	111	0.00
49	Rt	Toluene	10.000	11.756	-17.6	109	0.00
50	T	t-1,3-Dichloropropene	10.000	11.740	-17.4	111	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.446	-14.5	110	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.985	-9.8	116	0.00
53	t	1,3-Dichloropropane	10.000	11.113	-11.1	112	0.00
54	t	2-Hexanone	50.000	57.531	-15.1	106	0.00
55	t	Dibromochloromethane	10.000	10.699	-7.0	108	0.00
56	T	1,2-Dibromoethane	10.000	10.838	-8.4	110	0.00
57	S	4-Bromofluorobenzene	1.000	1.022	-2.2	97	0.00
58	RT	Tetrachloroethene	10.000	10.356	-3.6	110	0.00
59	Rt	Chlorobenzene	10.000	11.085	-10.9	107	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.638	-6.4	109	0.00
61	t	Pentachloroethane	10.000	10.387	-3.9	111	0.00
62	t	Hexachloroethane	10.000	10.980	-9.8	110	0.00
63	Rt	Ethyl Benzene	10.000	12.530	-25.3	110	0.00
64	RT	m/p-Xylenes	20.000	25.225	-26.1	108	0.00
65	RT	o-Xylene	10.000	12.107	-21.1	108	0.00
66	RT	Styrene	10.000	11.002	-10.0	109	0.00
67	t	Bromoform	10.000	10.804	-8.0	110	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.016	-1.6	102	0.00
69	T	Isopropylbenzene	10.000	12.709	-27.1	112	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.415	-4.1	110	0.00
71	T	1,2,3-Trichloropropane	10.000	10.989	-9.9	115	0.00
72	t	Bromobenzene	10.000	11.582	-15.8	109	0.00
73	t	n-propylbenzene	10.000	12.283	-22.8	103	0.00
74	t	2-Chlorotoluene	10.000	11.753	-17.5	106	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.325	-13.2	111	0.00
76	t	4-Chlorotoluene	10.000	10.902	-9.0	107	0.00
77	t	tert-Butylbenzene	10.000	11.894	-18.9	107	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.070	-10.7	109	0.00
79	t	sec-Butylbenzene	10.000	11.549	-15.5	100	0.00
80		Nitrobenzene	50.000	12.071	75.9#	20	0.00
81	t	p-Isopropyltoluene	10.000	11.108	-11.1	110	0.00
82	t	1,3-Dichlorobenzene	10.000	10.935	-9.4	104	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.861	-18.6	108	0.00
84	t	n-Butylbenzene	10.000	10.959	-9.6	110	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.766	-7.7	106	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.253	-12.5	110	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.787	-17.9	120	0.00
88	t	Hexachlorobutadiene	10.000	10.962	-9.6	108	0.00
89	t	Naphthalene	10.000	11.408	-14.1	118	0.00
90	t	1,2,3-Trichlorobenzene	10.000	12.840	-28.4	111	0.00

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

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