Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071119\
Data File : VU033201.D
Acq On : 11 Jul 2019 20:03
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU071119

Quant Time: Jul 12 05:39:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 05:19:33 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	103	0.00
2	T	Dichlorodifluoromethane	10.000	6.508	34.9#	68	0.00
3	t	Chloromethane	10.000	7.942	20.6	84	0.00
4	Rt	Vinyl Chloride	10.000	8.694	13.1	92	0.00
5	T	Bromomethane	10.000	8.955	10.4	99	0.00
6	T	Chloroethane	10.000	9.185	8.1	96	0.00
7	T	Trichlorofluoromethane	10.000	9.217	7.8	95	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.474	-4.7	109	0.00
9	Rt	1,1-Dichloroethene	10.000	10.480	-4.8	111	0.00
10	t	Iodomethane	10.000	12.077	-20.8	101	0.00
11	t	Allyl Chloride	10.000	9.659	3.4	102	0.00
12	t	Acrylonitrile	20.000	50.645	-153.2#	267	0.00
13	T	Acetone	51.000	45.094	11.6	101	0.00
14	T	Carbon Disulfide	10.000	9.574	4.3	101	0.00
15	RT	Methylene Chloride	10.000	9.205	7.9	105	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.373	-3.7	111	0.00
17	t	1,1-Dichloroethane	10.000	10.287	-2.9	106	0.00
18	T	2-Butanone	50.000	52.367	-4.7	106	0.00
19		Cyclohexane	10.000	11.632	-16.3	109	0.00
20		Methylcyclohexane	10.000	11.916	-19.2	110	0.00
21	T	2,2-Dichloropropane	10.000	9.717	2.8	100	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.827	-8.3	109	0.00
23	t	Diethyl Ether	10.000	9.466	5.3	100	0.00
24	t	tert-Butyl Alcohol	100.000	51.216	48.8#	54	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.268	-2.7	107	0.00
26	t	Bromochloromethane	10.000	9.862	1.4	101	0.00
27	t	Chloroform	10.000	9.756	2.4	106	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.669	-6.7	108	0.00
29	T	1,1-Dichloropropene	10.000	10.953	-9.5	108	0.00
30	RT	Carbon Tetrachloride	10.000	10.532	-5.3	106	0.00
31	t	Isopropyl Ether	10.000	11.828	-18.3	117	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.05#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.56#
34	t	Propionitrile	50.000	111.449	-122.9#	212	0.00
35	RT	Benzene	10.000	10.813	-8.1	107	0.00
36	RT	1,2-Dichloroethane	10.000	10.466	-4.7	106	0.00
37	RT	Trichloroethene	10.000	10.925	-9.3	109	0.00
38	Rt	1,2-Dichloropropane	10.000	10.808	-8.1	107	0.00
39	t	Methacrylonitrile	10.000	10.400	-4.0	103	0.00
40	t	Methyl acrylate	10.000	11.844	-18.4	103	0.00
41	t	Tetrahydrofuran	20.000	55.696	-178.5#	280	0.00
42	t	1-Chlorobutane	10.000	10.901	-9.0	108	0.00
43	T	Dibromomethane	10.000	10.593	-5.9	105	0.00
44	T	Bromodichloromethane	10.000	10.596	-6.0	107	0.00
45	T	4-Methyl-2-Pentanone	50.000	55.678	-11.4	103	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	11.137	44.3#	49	0.00

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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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	11.699	41.5#	53	0.00
48	t	Ethyl methacrylate	10.000	12.514	-25.1	112	0.00
49	Rt	Toluene	10.000	11.681	-16.8	109	0.00
50	T	t-1,3-Dichloropropene	10.000	11.764	-17.6	110	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.529	-15.3	111	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.877	-8.8	109	0.00
53	t	1,3-Dichloropropane	10.000	10.934	-9.3	107	0.00
54	t	2-Hexanone	50.000	56.017	-12.0	102	0.00
55	t	Dibromochloromethane	10.000	11.244	-12.4	110	0.00
56	T	1,2-Dibromoethane	10.000	11.390	-13.9	109	0.00
57	S	4-Bromofluorobenzene	1.000	1.074	-7.4	105	0.00
58	RT	Tetrachloroethene	10.000	10.950	-9.5	109	0.00
59	Rt	Chlorobenzene	10.000	11.197	-12.0	106	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	11.016	-10.2	109	0.00
61	t	Pentachloroethane	10.000	11.067	-10.7	107	0.00
62	t	Hexachloroethane	10.000	11.453	-14.5	107	0.00
63	Rt	Ethyl Benzene	10.000	12.349	-23.5	110	0.00
64	RT	m/p-Xylenes	20.000	24.734	-23.7	109	0.00
65	RT	o-Xylene	10.000	11.911	-19.1	107	0.00
66	RT	Styrene	10.000	12.469	-24.7	108	0.00
67	t	Bromoform	10.000	11.561	-15.6	111	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.041	-4.1	100	0.00
69	T	Isopropylbenzene	10.000	12.505	-25.1	111	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.537	-5.4	105	0.00
71	T	1,2,3-Trichloropropane	10.000	9.961	0.4	102	0.00
72	t	Bromobenzene	10.000	11.624	-16.2	110	0.00
73	t	n-propylbenzene	10.000	12.211	-22.1	106	0.00
74	t	2-Chlorotoluene	10.000	11.618	-16.2	105	0.00
75	t	1,3,5-Trimethylbenzene	10.000	12.898	-29.0	110	0.00
76	t	4-Chlorotoluene	10.000	11.944	-19.4	104	0.00
77	t	tert-Butylbenzene	10.000	12.193	-21.9	108	0.00
78	t	1,2,4-Trimethylbenzene	10.000	12.722	-27.2	108	0.00
79	t	sec-Butylbenzene	10.000	11.281	-12.8	100	0.00
80		Nitrobenzene	50.000	12.054	75.9#	20	0.00
81	t	p-Isopropyltoluene	10.000	12.758	-27.6	109	0.00
82	t	1,3-Dichlorobenzene	10.000	11.296	-13.0	106	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.514	-15.1	107	0.00
84	t	n-Butylbenzene	10.000	12.468	-24.7	109	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.140	-11.4	106	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.949	-19.5	110	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	13.089	-30.9#	116	0.00
88	t	Hexachlorobutadiene	10.000	12.005	-20.1	115	0.00
89	t	Naphthalene	10.000	11.229	-12.3	117	0.00
90	t	1,2,3-Trichlorobenzene	10.000	12.880	-28.8	115	0.00

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

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