Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091119\
Data File : VU034472.D
Acq On : 11 Sep 2019 12:28
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU091119

Quant Time: Sep 12 03:54:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:53:57 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	105	0.00
2	T	Dichlorodifluoromethane	10.000	5.429	45.7#	59	0.00
3	t	Chloromethane	10.000	5.332	46.7#	60	0.00
4	Rt	Vinyl Chloride	10.000	5.979	40.2#	64	0.00
5	T	Bromomethane	10.000	6.211	37.9#	69	0.00
6	T	Chloroethane	10.000	6.758	32.4#	73	0.00
7	T	Trichlorofluoromethane	10.000	7.422	25.8	80	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	8.756	12.4	95	0.00
9	Rt	1,1-Dichloroethene	10.000	7.789	22.1	84	0.00
10	t	Iodomethane	10.000	6.287	37.1#	64	0.00
11	t	Allyl Chloride	10.000	8.229	17.7	88	0.00
12	t	Acrylonitrile	20.000	52.546	-162.7#	288	0.00
13	T	Acetone	51.000	77.772	-52.5#	170	0.00
14	T	Carbon Disulfide	10.000	4.213	57.9#	46	0.00
15	RT	Methylene Chloride	10.000	8.019	19.8	93	0.00
16	RT	trans-1,2-Dichloroethene	10.000	7.585	24.1	84	0.00
17	t	1,1-Dichloroethane	10.000	8.972	10.3	97	0.00
18	T	2-Butanone	50.000	66.934	-33.9#	128	0.00
19		Cyclohexane	10.000	7.535	24.6	73	0.00
20		Methylcyclohexane	10.000	7.643	23.6	74	0.00
21	T	2,2-Dichloropropane	10.000	9.087	9.1	98	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.088	9.1	94	0.00
23	t	Diethyl Ether	10.000	8.830	11.7	94	0.00
24	t	tert-Butyl Alcohol	100.000	53.685	46.3#	60	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.257	-2.6	109	0.00
26	t	Bromochloromethane	10.000	10.147	-1.5	109	0.00
27	t	Chloroform	10.000	8.783	12.2	102	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.123	8.8	97	0.00
29	T	1,1-Dichloropropene	10.000	8.168	18.3	83	0.00
30	RT	Carbon Tetrachloride	10.000	8.749	12.5	93	0.00
31	t	Isopropyl Ether	10.000	10.703	-7.0	110	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	125.209	-150.4#	243	0.00
35	RT	Benzene	10.000	8.890	11.1	92	0.00
36	RT	1,2-Dichloroethane	10.000	9.558	4.4	100	0.00
37	RT	Trichloroethene	10.000	8.777	12.2	91	0.00
38	Rt	1,2-Dichloropropane	10.000	9.688	3.1	102	0.00
39	t	Methacrylonitrile	10.000	12.137	-21.4	121	0.00
40	t	Methyl acrylate	10.000	11.753	-17.5	110	0.00
41	t	Tetrahydrofuran	20.000	59.122	-195.6#	292	0.00
42	t	1-Chlorobutane	10.000	8.572	14.3	84	0.00
43	T	Dibromomethane	10.000	9.669	3.3	105	0.00
44	T	Bromodichloromethane	10.000	10.111	-1.1	107	0.00
45	T	4-Methyl-2-Pentanone	50.000	62.031	-24.1	121	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	12.943	35.3#	68	0.00

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:53:57 2019
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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	11.549	42.3#	55	0.00
48	t	Ethyl methacrylate	10.000	12.855	-28.6	120	0.00
49	Rt	Toluene	10.000	9.653	3.5	94	0.00
50	T	t-1,3-Dichloropropene	10.000	11.280	-12.8	113	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.659	-6.6	106	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.753	-7.5	117	0.00
53	t	1,3-Dichloropropane	10.000	10.748	-7.5	112	0.00
54	t	2-Hexanone	50.000	70.069	-40.1#	132	0.00
55	t	Dibromochloromethane	10.000	10.786	-7.9	112	0.00
56	T	1,2-Dibromoethane	10.000	10.538	-5.4	112	0.00
57	S	4-Bromofluorobenzene	1.000	1.049	-4.9	108	0.00
58	RT	Tetrachloroethene	10.000	8.753	12.5	91	0.00
59	Rt	Chlorobenzene	10.000	9.949	0.5	100	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.239	-2.4	108	0.00
61	t	Pentachloroethane	10.000	10.258	-2.6	111	0.00
62	t	Hexachloroethane	10.000	10.591	-5.9	111	0.00
63	Rt	Ethyl Benzene	10.000	10.813	-8.1	100	0.00
64	RT	m/p-Xylenes	20.000	21.066	-5.3	98	0.00
65	RT	o-Xylene	10.000	10.619	-6.2	100	0.00
66	RT	Styrene	10.000	11.483	-14.8	104	0.00
67	t	Bromoform	10.000	11.420	-14.2	118	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.979	2.1	103	0.00
69	T	Isopropylbenzene	10.000	11.411	-14.1	107	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	11.144	-11.4	120	0.00
71	T	1,2,3-Trichloropropane	10.000	11.512	-15.1	116	0.00
72	t	Bromobenzene	10.000	10.808	-8.1	109	0.00
73	t	n-propylbenzene	10.000	11.094	-10.9	102	0.00
74	t	2-Chlorotoluene	10.000	10.676	-6.8	103	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.461	-14.6	106	0.00
76	t	4-Chlorotoluene	10.000	11.166	-11.7	108	0.00
77	t	tert-Butylbenzene	10.000	11.060	-10.6	104	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.609	-16.1	106	0.00
79	t	sec-Butylbenzene	10.000	10.397	-4.0	98	0.00
80		Nitrobenzene	50.000	16.776	66.4#	30	0.00
81	t	p-Isopropyltoluene	10.000	11.812	-18.1	109	0.00
82	t	1,3-Dichlorobenzene	10.000	10.454	-4.5	107	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.595	-6.0	108	0.00
84	t	n-Butylbenzene	10.000	12.089	-20.9	111	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.625	-6.3	109	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	13.517	-35.2#	129	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	14.399	-44.0#	131	0.00
88	t	Hexachlorobutadiene	10.000	10.859	-8.6	112	0.00
89	t	Naphthalene	10.000	13.106	-31.1#	148	0.00
90	t	1,2,3-Trichlorobenzene	10.000	14.106	-41.1#	126	0.00

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

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