Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
Data File : VU045305.D
Acq On : 13 Oct 2021 12:54
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU101321

Quant Time: Oct 14 06:30:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 14 05:46:27 2021
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	100	0.00
2	T	Dichlorodifluoromethane	10.000	6.056	39.4#	61	0.00
3	t	Chloromethane	10.000	8.030	19.7	84	0.00
4	Rt	Vinyl Chloride	10.000	8.182	18.2	83	0.00
5	T	Bromomethane	10.000	9.296	7.0	97	0.00
6	T	Chloroethane	10.000	8.481	15.2	90	0.00
7	T	Trichlorofluoromethane	10.000	9.027	9.7	92	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.339	6.6	94	0.00
9	Rt	1,1-Dichloroethene	10.000	9.771	2.3	98	0.00
10	t	Iodomethane	10.000	10.292	-2.9	92	0.00
11	t	Allyl Chloride	10.000	10.550	-5.5	104	0.00
12	t	Acrylonitrile	20.000	45.621	-128.1#	221	0.00
13	T	Acetone	50.000	43.506	13.0	90	0.00
14	T	Carbon Disulfide	10.000	9.620	3.8	97	0.00
15	RT	Methylene Chloride	10.000	9.737	2.6	103	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.231	-2.3	102	0.00
17	t	1,1-Dichloroethane	10.000	10.369	-3.7	104	0.00
18	T	2-Butanone	50.000	39.316	21.4	77	0.00
19		Cyclohexane	10.000	10.119	-1.2	100	0.00
20		Methylcyclohexane	10.000	10.557	-5.6	102	0.00
21	T	2,2-Dichloropropane	10.000	10.317	-3.2	103	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.668	-6.7	106	0.00
23	t	Diethyl Ether	10.000	8.970	10.3	91	0.00
24	t	tert-Butyl Alcohol	100.000	46.442	53.6#	53	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.867	1.3	99	0.00
26	t	Bromochloromethane	10.000	8.363	16.4	85	0.00
27	t	Chloroform	10.000	10.073	-0.7	104	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.347	-3.5	103	0.00
29	T	1,1-Dichloropropene	10.000	10.254	-2.5	101	0.00
30	RT	Carbon Tetrachloride	10.000	10.594	-5.9	105	0.00
31	t	Isopropyl Ether	10.000	10.894	-8.9	107	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.51#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.95#
34	t	Propionitrile	50.000	95.734	-91.5#	188	0.00
35	RT	Benzene	10.000	10.153	-1.5	102	0.00
36	RT	1,2-Dichloroethane	10.000	9.758	2.4	99	0.00
37	RT	Trichloroethene	10.000	10.251	-2.5	101	0.00
38	Rt	1,2-Dichloropropane	10.000	9.993	0.1	99	0.00
39	t	Methacrylonitrile	10.000	9.677	3.2	97	0.00
40	t	Methyl acrylate	10.000	10.505	-5.1	96	0.00
41	t	Tetrahydrofuran	20.000	44.663	-123.3#	233	0.00
42	t	1-Chlorobutane	10.000	10.243	-2.4	102	0.00
43	T	Dibromomethane	10.000	10.225	-2.2	102	0.00
44	T	Bromodichloromethane	10.000	10.689	-6.9	104	0.00
45	T	4-Methyl-2-Pentanone	50.000	46.182	7.6	90	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	18.334	8.3	82	0.00
47	t	Methyl methacrylate	20.000	9.816	50.9#	47	0.00
48	t	Ethyl methacrylate	10.000	10.188	-1.9	95	0.00
49	Rt	Toluene	10.000	10.426	-4.3	102	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.853	-8.5	104	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.039	-10.4	106	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.991	0.1	99	0.00
53	t	1,3-Dichloropropane	10.000	9.642	3.6	98	0.00
54	t	2-Hexanone	50.000	44.993	10.0	88	0.00
55	t	Dibromochloromethane	10.000	10.283	-2.8	99	0.00
56	T	1,2-Dibromoethane	10.000	10.058	-0.6	98	0.00
57	S	4-Bromofluorobenzene	1.000	1.054	-5.4	101	0.00
58	RT	Tetrachloroethene	10.000	10.391	-3.9	105	0.00
59	Rt	Chlorobenzene	10.000	10.205	-2.1	101	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.346	-3.5	102	0.00
61	t	Pentachloroethane	10.000	11.269	-12.7	106	0.00
62	t	Hexachloroethane	10.000	11.302	-13.0	106	0.00
63	Rt	Ethyl Benzene	10.000	10.963	-9.6	105	0.00
64	RT	m/p-Xylenes	20.000	22.314	-11.6	106	0.00
65	RT	o-Xylene	10.000	11.058	-10.6	107	0.00
66	RT	Styrene	10.000	11.318	-13.2	105	0.00
67	t	Bromoform	10.000	10.635	-6.3	101	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.020	-2.0	97	0.00
69	T	Isopropylbenzene	10.000	11.192	-11.9	106	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.648	3.5	96	0.00
71	T	1,2,3-Trichloropropane	10.000	10.046	-0.5	109	0.00
72	t	Bromobenzene	10.000	10.654	-6.5	104	0.00
73	t	n-propylbenzene	10.000	11.616	-16.2	109	0.00
74	t	2-Chlorotoluene	10.000	11.053	-10.5	106	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.644	-16.4	109	0.00
76	t	4-Chlorotoluene	10.000	11.137	-11.4	106	0.00
77	t	tert-Butylbenzene	10.000	11.130	-11.3	106	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.330	-13.3	105	0.00
79	t	sec-Butylbenzene	10.000	11.254	-12.5	107	0.00
80		Nitrobenzene	50.000	16.345	67.3#	29	0.00
81	t	p-Isopropyltoluene	10.000	11.466	-14.7	106	0.00
82	t	1,3-Dichlorobenzene	10.000	10.944	-9.4	107	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.055	-10.5	108	0.00
84	t	n-Butylbenzene	10.000	11.850	-18.5	107	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.613	-6.1	104	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.821	1.8	93	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.612	-16.1	107	0.00
88	t	Hexachlorobutadiene	10.000	11.517	-15.2	110	0.00
89	t	Naphthalene	10.000	11.364	-13.6	101	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.138	-11.4	103	0.00

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