Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
Data File : VU053152.D
Acq On : 27 Feb 2023 14:13
Operator : JC/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

Quant Time: Feb 28 03:40:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 28 03:35:42 2023
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	8.683	13.2	84	0.00
3	t	Chloromethane	10.000	9.873	1.3	104	0.00
4	Rt	Vinyl Chloride	10.000	10.761	-7.6	103	0.00
5	T	Bromomethane	10.000	11.810	-18.1	115	0.00
6	T	Chloroethane	10.000	11.222	-12.2	108	0.00
7	T	Trichlorofluoromethane	10.000	10.210	-2.1	100	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.122	-1.2	98	0.00
9	Rt	1,1-Dichloroethene	10.000	11.273	-12.7	109	0.00
10	t	Iodomethane	10.000	12.213	-22.1	106	0.00
11	t	Allyl Chloride	10.000	10.424	-4.2	103	0.00
12	t	Acrylonitrile	20.000	48.513	-142.6#	247	0.00
13	T	Acetone	50.000	42.662	14.7	105	0.02
14	T	Carbon Disulfide	10.000	14.211	-42.1#	139	0.00
15	RT	Methylene Chloride	10.000	9.772	2.3	110	0.00
16	RT	trans-1,2-Dichloroethene	10.000	11.451	-14.5	114	0.00
17	t	1,1-Dichloroethane	10.000	10.105	-1.1	99	0.00
18	T	2-Butanone	50.000	40.725	18.5	93	0.00
19		Cyclohexane	10.000	10.763	-7.6	108	0.00
20		Methylcyclohexane	10.000	12.227	-22.3	119	0.00
21	T	2,2-Dichloropropane	10.000	10.082	-0.8	102	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.722	-7.2	108	0.00
23	t	Diethyl Ether	10.000	9.974	0.3	97	0.00
24	t	tert-Butyl Alcohol	100.000	41.905	58.1#	44	0.06
25	t	Methyl tert-Butyl Ether	10.000	10.331	-3.3	102	0.00
26	t	Bromochloromethane	10.000	9.545	4.6	101	0.00
27	t	Chloroform	10.000	9.723	2.8	99	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.836	1.6	100	0.00
29	T	1,1-Dichloropropene	10.000	11.062	-10.6	112	0.00
30	RT	Carbon Tetrachloride	10.000	10.873	-8.7	104	0.00
31	t	Isopropyl Ether	10.000	9.495	5.1	94	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.50#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.94#
34	t	Propionitrile	50.000	95.284	-90.6#	211	0.02
35	RT	Benzene	10.000	10.809	-8.1	107	0.00
36	RT	1,2-Dichloroethane	10.000	9.938	0.6	100	0.00
37	RT	Trichloroethene	10.000	11.373	-13.7	110	0.00
38	Rt	1,2-Dichloropropane	10.000	10.119	-1.2	98	0.00
39	t	Methacrylonitrile	10.000	9.308	6.9	97	0.00
40	t	Methyl acrylate	10.000	10.404	-4.0	104	0.00
41	t	Tetrahydrofuran	20.000	44.946	-124.7#	243	0.00
42	t	1-Chlorobutane	10.000	10.837	-8.4	106	0.00
43	T	Dibromomethane	10.000	11.006	-10.1	109	0.00
44	T	Bromodichloromethane	10.000	10.502	-5.0	100	0.00
45	T	4-Methyl-2-Pentanone	50.000	48.890	2.2	97	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	18.512	7.4	95	0.00
47	t	Methyl methacrylate	20.000	10.457	47.7#	51	0.00
48	t	Ethyl methacrylate	10.000	10.640	-6.4	102	0.00
49	Rt	Toluene	10.000	11.343	-13.4	108	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.036	-10.4	105	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.947	-9.5	104	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.603	-6.0	101	0.00
53	t	1,3-Dichloropropane	10.000	10.567	-5.7	103	0.00
54	t	2-Hexanone	50.000	45.685	8.6	102	0.00
55	t	Dibromochloromethane	10.000	10.451	-4.5	100	0.00
56	T	1,2-Dibromoethane	10.000	11.170	-11.7	106	0.00
57	S	4-Bromofluorobenzene	1.000	0.975	2.5	98	0.00
58	RT	Tetrachloroethene	10.000	11.707	-17.1	115	0.00
59	Rt	Chlorobenzene	10.000	10.589	-5.9	102	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.677	-6.8	100	0.00
61	t	Pentachloroethane	10.000	10.902	-9.0	102	0.00
62	t	Hexachloroethane	10.000	10.696	-7.0	98	0.00
63	Rt	Ethyl Benzene	10.000	11.175	-11.8	105	0.00
64	RT	m/p-Xylenes	20.000	23.380	-16.9	110	0.00
65	RT	o-Xylene	10.000	11.125	-11.3	106	0.00
66	RT	Styrene	10.000	11.659	-16.6	108	0.00
67	t	Bromoform	10.000	10.973	-9.7	102	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.081	-8.1	108	0.00
69	T	Isopropylbenzene	10.000	11.089	-10.9	104	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.184	-1.8	97	0.00
71	T	1,2,3-Trichloropropane	10.000	9.385	6.2	93	0.00
72	t	Bromobenzene	10.000	11.444	-14.4	107	0.00
73	t	n-propylbenzene	10.000	11.324	-13.2	105	0.00
74	t	2-Chlorotoluene	10.000	11.349	-13.5	107	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.390	-13.9	106	0.00
76	t	4-Chlorotoluene	10.000	11.057	-10.6	108	0.00
77	t	tert-Butylbenzene	10.000	10.992	-9.9	103	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.174	-11.7	105	0.00
79	t	sec-Butylbenzene	10.000	11.289	-12.9	104	0.00
80		Nitrobenzene	50.000	10.480	79.0#	22	0.00
81	t	p-Isopropyltoluene	10.000	11.403	-14.0	106	0.00
82	t	1,3-Dichlorobenzene	10.000	11.292	-12.9	106	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.033	-10.3	104	0.00
84	t	n-Butylbenzene	10.000	11.322	-13.2	103	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.796	-8.0	103	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.042	9.6	93	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.820	-18.2	108	0.00
88	t	Hexachlorobutadiene	10.000	11.362	-13.6	106	0.00
89	t	Naphthalene	10.000	11.523	-15.2	107	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.606	-16.1	108	0.00

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