Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
Data File : VU054876.D
Acq On : 26 Jul 2023 14:24
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 28 03:10:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 26 09:45:35 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	103	0.00
2	T	Dichlorodifluoromethane	10.000	9.893	1.1	104	0.00
3	t	Chloromethane	10.000	9.675	3.2	104	0.00
4	Rt	Vinyl Chloride	10.000	9.603	4.0	101	0.00
5	T	Bromomethane	10.000	9.638	3.6	100	0.00
6	T	Chloroethane	10.000	9.711	2.9	96	0.00
7	T	Trichlorofluoromethane	10.000	8.951	10.5	96	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.469	5.3	103	0.00
9	Rt	1,1-Dichloroethene	10.000	9.738	2.6	101	0.00
10	t	Iodomethane	10.000	10.026	-0.3	101	0.00
11	t	Allyl Chloride	10.000	9.626	3.7	103	0.00
12	t	Acrylonitrile	20.000	20.453	-2.3	105	0.00
13	T	Acetone	50.000	71.200	-42.4#	152	0.00
14	T	Carbon Disulfide	10.000	8.942	10.6	99	0.00
15	RT	Methylene Chloride	10.000	11.879	-18.8	127	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.907	0.9	105	0.00
17	t	1,1-Dichloroethane	10.000	9.604	4.0	103	0.00
18	T	2-Butanone	50.000	65.195	-30.4#	125	0.00
19		Cyclohexane	10.000	11.040	-10.4	115	0.00
20		Methylcyclohexane	10.000	10.187	-1.9	104	0.00
21	T	2,2-Dichloropropane	10.000	9.591	4.1	106	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.022	-0.2	104	0.00
23	t	Diethyl Ether	10.000	9.273	7.3	99	0.00
24	t	tert-Butyl Alcohol	100.000	93.702	6.3	118	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.943	0.6	103	0.00
26	t	Bromochloromethane	10.000	9.614	3.9	100	0.00
27	t	Chloroform	10.000	9.897	1.0	102	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.951	0.5	105	0.00
29	T	1,1-Dichloropropene	10.000	9.618	3.8	101	0.00
30	RT	Carbon Tetrachloride	10.000	9.818	1.8	104	0.00
31	t	Isopropyl Ether	10.000	9.850	1.5	102	0.00
32		Ethyl-t-butyl ether	10.000	9.745	2.6	103	0.00
33		Tert-Amyl methyl ether	10.000	9.818	1.8	103	0.00
34	t	Propionitrile	50.000	54.636	-9.3	98	0.00
35	RT	Benzene	10.000	9.687	3.1	100	0.00
36	RT	1,2-Dichloroethane	10.000	9.930	0.7	104	0.00
37	RT	Trichloroethene	10.000	10.025	-0.3	104	0.00
38	Rt	1,2-Dichloropropane	10.000	9.662	3.4	98	0.00
39	t	Methacrylonitrile	10.000	9.750	2.5	96	0.00
40	t	Methyl acrylate	10.000	9.384	6.2	87	0.00
41	t	Tetrahydrofuran	20.000	17.338	13.3	96	0.00
42	t	1-Chlorobutane	10.000	9.511	4.9	104	0.00
43	T	Dibromomethane	10.000	10.193	-1.9	102	0.00
44	T	Bromodichloromethane	10.000	10.197	-2.0	103	0.00
45	T	4-Methyl-2-Pentanone	50.000	51.651	-3.3	104	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	19.004	5.0	83	0.00
47	t	Methyl methacrylate	20.000	20.620	-3.1	100	0.00
48	t	Ethyl methacrylate	10.000	10.528	-5.3	101	0.00
49	Rt	Toluene	10.000	10.108	-1.1	105	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.243	-2.4	103	0.00
51	T	cis-1,3-Dichloropropene	10.000	9.994	0.1	101	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.749	2.5	103	0.00
53	t	1,3-Dichloropropane	10.000	10.211	-2.1	105	0.00
54	t	2-Hexanone	50.000	63.724	-27.4	123	0.00
55	t	Dibromochloromethane	10.000	10.386	-3.9	104	0.00
56	T	1,2-Dibromoethane	10.000	10.368	-3.7	103	0.00
57	S	4-Bromofluorobenzene	1.000	1.030	-3.0	100	0.00
58	RT	Tetrachloroethene	10.000	9.841	1.6	104	0.00
59	Rt	Chlorobenzene	10.000	9.930	0.7	104	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.112	-1.1	104	0.00
61	t	Pentachloroethane	10.000	10.199	-2.0	99	0.00
62	t	Hexachloroethane	10.000	10.661	-6.6	102	0.00
63	Rt	Ethyl Benzene	10.000	10.130	-1.3	103	0.00
64	RT	m/p-Xylenes	20.000	20.372	-1.9	103	0.00
65	RT	o-Xylene	10.000	10.032	-0.3	102	0.00
66	RT	Styrene	10.000	10.429	-4.3	102	0.00
67	t	Bromoform	10.000	10.987	-9.9	100	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.084	-8.4	113	0.00
69	T	Isopropylbenzene	10.000	10.116	-1.2	102	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.169	-1.7	100	0.00
71	T	1,2,3-Trichloropropane	10.000	9.613	3.9	101	0.00
72	t	Bromobenzene	10.000	10.412	-4.1	103	0.00
73	t	n-propylbenzene	10.000	10.255	-2.6	102	0.00
74	t	2-Chlorotoluene	10.000	10.281	-2.8	102	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.410	-4.1	103	0.00
76	t	4-Chlorotoluene	10.000	10.536	-5.4	102	0.00
77	t	tert-Butylbenzene	10.000	10.350	-3.5	103	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.502	-5.0	103	0.00
79	t	sec-Butylbenzene	10.000	10.654	-6.5	104	0.00
80		Nitrobenzene	50.000	52.114	-4.2	95	0.00
81	t	p-Isopropyltoluene	10.000	10.994	-9.9	104	0.00
82	t	1,3-Dichlorobenzene	10.000	10.294	-2.9	105	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.229	-2.3	104	0.00
84	t	n-Butylbenzene	10.000	11.185	-11.9	101	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.067	-0.7	105	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.217	-12.2	104	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.130	-1.3	101	0.00
88	t	Hexachlorobutadiene	10.000	10.695	-7.0	106	0.00
89	t	Naphthalene	10.000	10.661	-6.6	105	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.122	-1.2	103	0.00

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