Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072823\
Data File : VU054912.D
Acq On : 28 Jul 2023 16:10
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 28 23:13:17 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	94	0.00
2	T	Dichlorodifluoromethane	10.000	9.566	4.3	92	0.00
3	t	Chloromethane	10.000	10.051	-0.5	99	0.00
4	Rt	Vinyl Chloride	10.000	10.357	-3.6	100	0.00
5	T	Bromomethane	10.000	10.503	-5.0	100	0.00
6	T	Chloroethane	10.000	10.140	-1.4	92	0.00
7	T	Trichlorofluoromethane	10.000	8.907	10.9	88	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.163	-1.6	101	0.00
9	Rt	1,1-Dichloroethene	10.000	9.840	1.6	94	0.00
10	t	Iodomethane	10.000	10.107	-1.1	93	0.00
11	t	Allyl Chloride	10.000	9.964	0.4	98	0.00
12	t	Acrylonitrile	20.000	21.856	-9.3	104	0.00
13	T	Acetone	50.000	86.041	-72.1#	169	0.00
14	T	Carbon Disulfide	10.000	8.927	10.7	91	0.00
15	RT	Methylene Chloride	10.000	13.892	-38.9#	137	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.525	-5.3	102	0.00
17	t	1,1-Dichloroethane	10.000	10.265	-2.7	101	0.00
18	T	2-Butanone	50.000	77.632	-55.3#	137	0.00
19		Cyclohexane	10.000	11.044	-10.4	106	0.00
20		Methylcyclohexane	10.000	10.173	-1.7	96	0.00
21	T	2,2-Dichloropropane	10.000	9.878	1.2	100	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.790	-7.9	103	0.00
23	t	Diethyl Ether	10.000	10.797	-8.0	106	0.00
24	t	tert-Butyl Alcohol	100.000	101.014	-1.0	117	-0.03
25	t	Methyl tert-Butyl Ether	10.000	11.161	-11.6	106	0.00
26	t	Bromochloromethane	10.000	10.556	-5.6	101	0.00
27	t	Chloroform	10.000	10.869	-8.7	103	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.373	-3.7	100	0.00
29	T	1,1-Dichloropropene	10.000	10.133	-1.3	98	0.00
30	RT	Carbon Tetrachloride	10.000	10.347	-3.5	101	0.00
31	t	Isopropyl Ether	10.000	10.653	-6.5	102	0.00
32		Ethyl-t-butyl ether	10.000	10.531	-5.3	102	0.00
33		Tert-Amyl methyl ether	10.000	10.918	-9.2	105	0.00
34	t	Propionitrile	50.000	65.931	-31.9#	109	0.00
35	RT	Benzene	10.000	10.402	-4.0	99	0.00
36	RT	1,2-Dichloroethane	10.000	11.199	-12.0	108	0.00
37	RT	Trichloroethene	10.000	10.795	-7.9	103	0.00
38	Rt	1,2-Dichloropropane	10.000	10.842	-8.4	101	0.00
39	t	Methacrylonitrile	10.000	11.239	-12.4	102	0.00
40	t	Methyl acrylate	10.000	11.708	-17.1	100	0.00
41	t	Tetrahydrofuran	20.000	21.231	-6.2	108	0.00
42	t	1-Chlorobutane	10.000	9.914	0.9	99	0.00
43	T	Dibromomethane	10.000	11.651	-16.5	107	0.00
44	T	Bromodichloromethane	10.000	11.034	-10.3	102	0.00
45	T	4-Methyl-2-Pentanone	50.000	62.135	-24.3	115	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	22.244	-11.2	89	0.00
47	t	Methyl methacrylate	20.000	23.969	-19.8	107	0.00
48	t	Ethyl methacrylate	10.000	11.977	-19.8	106	0.00
49	Rt	Toluene	10.000	10.909	-9.1	104	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.151	-11.5	103	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.446	-4.5	97	0.00
52	RT	1,1,2-Trichloroethane	10.000	11.102	-11.0	108	0.00
53	t	1,3-Dichloropropane	10.000	11.497	-15.0	109	0.00
54	t	2-Hexanone	50.000	74.963	-49.9#	133	0.00
55	t	Dibromochloromethane	10.000	11.630	-16.3	107	0.00
56	T	1,2-Dibromoethane	10.000	11.659	-16.6	106	0.00
57	S	4-Bromofluorobenzene	1.000	1.160	-16.0	104	0.00
58	RT	Tetrachloroethene	10.000	11.331	-13.3	110	0.00
59	Rt	Chlorobenzene	10.000	10.724	-7.2	103	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	11.187	-11.9	106	0.00
61	t	Pentachloroethane	10.000	10.540	-5.4	94	0.00
62	t	Hexachloroethane	10.000	11.171	-11.7	99	0.00
63	Rt	Ethyl Benzene	10.000	10.894	-8.9	101	0.00
64	RT	m/p-Xylenes	20.000	21.934	-9.7	102	0.00
65	RT	o-Xylene	10.000	10.689	-6.9	100	0.00
66	RT	Styrene	10.000	11.601	-16.0	105	0.00
67	t	Bromoform	10.000	11.941	-19.4	100	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.170	-17.0	112	0.00
69	T	Isopropylbenzene	10.000	10.804	-8.0	100	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	12.071	-20.7	109	0.00
71	T	1,2,3-Trichloropropane	10.000	12.074	-20.7	116	0.00
72	t	Bromobenzene	10.000	11.252	-12.5	102	0.00
73	t	n-propylbenzene	10.000	11.108	-11.1	101	0.00
74	t	2-Chlorotoluene	10.000	10.992	-9.9	101	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.199	-12.0	102	0.00
76	t	4-Chlorotoluene	10.000	11.440	-14.4	102	0.00
77	t	tert-Butylbenzene	10.000	10.867	-8.7	100	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.418	-14.2	103	0.00
79	t	sec-Butylbenzene	10.000	11.326	-13.3	102	0.00
80		Nitrobenzene	50.000	59.992	-20.0	100	0.00
81	t	p-Isopropyltoluene	10.000	11.687	-16.9	102	0.00
82	t	1,3-Dichlorobenzene	10.000	11.216	-12.2	105	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.385	-13.8	107	0.00
84	t	n-Butylbenzene	10.000	11.759	-17.6	98	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.988	-9.9	105	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	12.295	-22.9	105	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.900	-9.0	100	0.00
88	t	Hexachlorobutadiene	10.000	11.040	-10.4	100	0.00
89	t	Naphthalene	10.000	10.900	-9.0	99	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.984	-9.8	103	0.00

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