Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072723\
Data File : VU054890.D
Acq On : 27 Jul 2023 10:15
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 28 05:34:09 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	101	0.00
2	T	Dichlorodifluoromethane	10.000	8.995	10.1	93	0.00
3	t	Chloromethane	10.000	9.214	7.9	98	0.00
4	Rt	Vinyl Chloride	10.000	9.302	7.0	96	0.00
5	T	Bromomethane	10.000	9.223	7.8	95	0.00
6	T	Chloroethane	10.000	8.512	14.9	83	0.00
7	T	Trichlorofluoromethane	10.000	8.167	18.3	87	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.216	7.8	99	0.00
9	Rt	1,1-Dichloroethene	10.000	9.608	3.9	98	0.00
10	t	Iodomethane	10.000	9.579	4.2	95	0.00
11	t	Allyl Chloride	10.000	9.598	4.0	101	0.00
12	t	Acrylonitrile	20.000	20.276	-1.4	103	0.00
13	T	Acetone	50.000	54.525	-9.0	115	0.00
14	T	Carbon Disulfide	10.000	8.934	10.7	98	0.00
15	RT	Methylene Chloride	10.000	9.604	4.0	102	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.548	4.5	100	0.00
17	t	1,1-Dichloroethane	10.000	9.469	5.3	100	0.00
18	T	2-Butanone	50.000	57.119	-14.2	108	0.00
19		Cyclohexane	10.000	10.752	-7.5	110	0.00
20		Methylcyclohexane	10.000	9.923	0.8	100	0.00
21	T	2,2-Dichloropropane	10.000	9.540	4.6	104	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.778	2.2	100	0.00
23	t	Diethyl Ether	10.000	8.841	11.6	93	0.00
24	t	tert-Butyl Alcohol	100.000	87.382	12.6	109	-0.03
25	t	Methyl tert-Butyl Ether	10.000	9.842	1.6	100	0.00
26	t	Bromochloromethane	10.000	9.550	4.5	98	0.00
27	t	Chloroform	10.000	9.965	0.4	102	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.833	1.7	102	0.00
29	T	1,1-Dichloropropene	10.000	9.515	4.8	99	0.00
30	RT	Carbon Tetrachloride	10.000	9.925	0.7	104	0.00
31	t	Isopropyl Ether	10.000	9.631	3.7	99	0.00
32		Ethyl-t-butyl ether	10.000	9.489	5.1	99	0.00
33		Tert-Amyl methyl ether	10.000	9.713	2.9	101	0.00
34	t	Propionitrile	50.000	53.175	-6.3	94	0.00
35	RT	Benzene	10.000	9.853	1.5	101	0.00
36	RT	1,2-Dichloroethane	10.000	9.785	2.1	101	0.00
37	RT	Trichloroethene	10.000	9.860	1.4	101	0.00
38	Rt	1,2-Dichloropropane	10.000	9.705	2.9	97	0.00
39	t	Methacrylonitrile	10.000	9.718	2.8	95	0.00
40	t	Methyl acrylate	10.000	10.279	-2.8	95	0.00
41	t	Tetrahydrofuran	20.000	18.695	6.5	103	0.00
42	t	1-Chlorobutane	10.000	9.488	5.1	102	0.00
43	T	Dibromomethane	10.000	10.121	-1.2	100	0.00
44	T	Bromodichloromethane	10.000	10.044	-0.4	100	0.00
45	T	4-Methyl-2-Pentanone	50.000	52.085	-4.2	104	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	23.000	-15.0	99	0.00
47	t	Methyl methacrylate	20.000	20.964	-4.8	100	0.00
48	t	Ethyl methacrylate	10.000	10.563	-5.6	101	0.00
49	Rt	Toluene	10.000	10.010	-0.1	102	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.078	-0.8	100	0.00
51	T	cis-1,3-Dichloropropene	10.000	9.973	0.3	99	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.786	2.1	102	0.00
53	t	1,3-Dichloropropane	10.000	10.005	-0.1	102	0.00
54	t	2-Hexanone	50.000	53.856	-7.7	103	0.00
55	t	Dibromochloromethane	10.000	10.328	-3.3	102	0.00
56	T	1,2-Dibromoethane	10.000	10.413	-4.1	102	0.00
57	S	4-Bromofluorobenzene	1.000	1.119	-11.9	107	0.00
58	RT	Tetrachloroethene	10.000	9.523	4.8	99	0.00
59	Rt	Chlorobenzene	10.000	9.828	1.7	101	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.148	-1.5	103	0.00
61	t	Pentachloroethane	10.000	10.284	-2.8	99	0.00
62	t	Hexachloroethane	10.000	10.568	-5.7	100	0.00
63	Rt	Ethyl Benzene	10.000	10.139	-1.4	101	0.00
64	RT	m/p-Xylenes	20.000	20.418	-2.1	102	0.00
65	RT	o-Xylene	10.000	9.975	0.3	100	0.00
66	RT	Styrene	10.000	10.388	-3.9	101	0.00
67	t	Bromoform	10.000	11.033	-10.3	99	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.049	-4.9	108	0.00
69	T	Isopropylbenzene	10.000	10.150	-1.5	101	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.080	-0.8	98	0.00
71	T	1,2,3-Trichloropropane	10.000	8.977	10.2	93	0.00
72	t	Bromobenzene	10.000	10.370	-3.7	101	0.00
73	t	n-propylbenzene	10.000	10.567	-5.7	103	0.00
74	t	2-Chlorotoluene	10.000	10.361	-3.6	102	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.489	-4.9	102	0.00
76	t	4-Chlorotoluene	10.000	10.843	-8.4	104	0.00
77	t	tert-Butylbenzene	10.000	10.354	-3.5	102	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.494	-4.9	102	0.00
79	t	sec-Butylbenzene	10.000	10.630	-6.3	103	0.00
80		Nitrobenzene	50.000	55.170	-10.3	99	0.00
81	t	p-Isopropyltoluene	10.000	10.982	-9.8	103	0.00
82	t	1,3-Dichlorobenzene	10.000	10.128	-1.3	102	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.160	-1.6	102	0.00
84	t	n-Butylbenzene	10.000	11.367	-13.7	102	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.057	-0.6	104	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.710	-7.1	98	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.416	-4.2	102	0.00
88	t	Hexachlorobutadiene	10.000	10.489	-4.9	103	0.00
89	t	Naphthalene	10.000	10.855	-8.6	106	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.033	-0.3	101	0.00

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