Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101823\
Data File : VU055806.D
Acq On : 18 Oct 2023 18:19
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 19 03:42:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 19 03:10:04 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	9.495	5.1	81	0.00
3	t	Chloromethane	10.000	9.991	0.1	87	0.00
4	Rt	Vinyl Chloride	10.000	10.000	0.0	87	0.00
5	T	Bromomethane	10.000	10.097	-1.0	86	0.00
6	T	Chloroethane	10.000	10.202	-2.0	85	0.00
7	T	Trichlorofluoromethane	10.000	9.865	1.3	85	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.527	4.7	81	0.00
9	Rt	1,1-Dichloroethene	10.000	9.592	4.1	82	0.00
10	t	Iodomethane	10.000	10.190	-1.9	82	0.00
11	t	Allyl Chloride	10.000	9.763	2.4	81	0.00
12	t	Acrylonitrile	20.000	20.908	-4.5	85	0.00
13	T	Acetone	50.000	41.000	18.0	71	0.00
14	T	Carbon Disulfide	10.000	9.521	4.8	81	0.00
15	RT	Methylene Chloride	10.000	9.777	2.2	88	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.906	0.9	83	0.00
17	t	1,1-Dichloroethane	10.000	9.742	2.6	83	0.00
18	T	2-Butanone	50.000	43.044	13.9	70	0.00
19		Cyclohexane	10.000	10.227	-2.3	81	0.00
20		Methylcyclohexane	10.000	10.354	-3.5	79	0.00
21	T	2,2-Dichloropropane	10.000	9.277	7.2	79	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.799	2.0	80	0.00
23	t	Diethyl Ether	10.000	10.373	-3.7	89	0.00
24	t	tert-Butyl Alcohol	100.000	106.442	-6.4	93	0.03
25	t	Methyl tert-Butyl Ether	10.000	10.373	-3.7	84	0.00
26	t	Bromochloromethane	10.000	9.718	2.8	83	0.00
27	t	Chloroform	10.000	9.650	3.5	83	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.790	2.1	83	0.00
29	T	1,1-Dichloropropene	10.000	9.993	0.1	82	0.00
30	RT	Carbon Tetrachloride	10.000	9.793	2.1	83	0.00
31	t	Isopropyl Ether	10.000	10.362	-3.6	83	0.00
32		Ethyl-t-butyl ether	10.000	10.364	-3.6	83	0.00
33		Tert-Amyl methyl ether	10.000	10.165	-1.6	81	0.00
34	t	Propionitrile	50.000	55.722	-11.4	90	0.00
35	RT	Benzene	10.000	9.615	3.8	81	0.00
36	RT	1,2-Dichloroethane	10.000	9.612	3.9	83	0.00
37	RT	Trichloroethene	10.000	9.789	2.1	83	0.00
38	Rt	1,2-Dichloropropane	10.000	10.015	-0.2	85	0.00
39	t	Methacrylonitrile	10.000	10.738	-7.4	85	0.00
40	t	Methyl acrylate	10.000	8.855	11.4	78	0.00
41	t	Tetrahydrofuran	20.000	19.154	4.2	84	0.00
42	t	1-Chlorobutane	10.000	10.204	-2.0	83	0.00
43	T	Dibromomethane	10.000	9.844	1.6	86	0.00
44	T	Bromodichloromethane	10.000	9.778	2.2	83	0.00
45	T	4-Methyl-2-Pentanone	50.000	50.311	-0.6	81	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	22.794	-14.0	104	0.00
47	t	Methyl methacrylate	20.000	21.842	-9.2	84	0.00
48	t	Ethyl methacrylate	10.000	8.935	10.6	83	0.00
49	Rt	Toluene	10.000	10.338	-3.4	83	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.155	-1.5	84	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.043	-0.4	82	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.716	2.8	86	0.00
53	t	1,3-Dichloropropane	10.000	9.909	0.9	86	0.00
54	t	2-Hexanone	50.000	43.644	12.7	69	0.00
55	t	Dibromochloromethane	10.000	9.709	2.9	84	0.00
56	T	1,2-Dibromoethane	10.000	10.028	-0.3	86	0.00
57	S	4-Bromofluorobenzene	1.000	0.961	3.9	91	0.00
58	RT	Tetrachloroethene	10.000	9.376	6.2	84	0.00
59	Rt	Chlorobenzene	10.000	10.019	-0.2	85	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.908	0.9	85	0.00
61	t	Pentachloroethane	10.000	9.310	6.9	78	0.00
62	t	Hexachloroethane	10.000	8.822	11.8	77	0.00
63	Rt	Ethyl Benzene	10.000	10.551	-5.5	83	0.00
64	RT	m/p-Xylenes	20.000	21.087	-5.4	83	0.00
65	RT	o-Xylene	10.000	9.837	1.6	79	0.00
66	RT	Styrene	10.000	10.305	-3.0	79	0.00
67	t	Bromoform	10.000	9.678	3.2	81	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.001	-0.1	90	0.00
69	T	Isopropylbenzene	10.000	10.128	-1.3	79	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.711	2.9	83	0.00
71	T	1,2,3-Trichloropropane	10.000	7.826	21.7	68	0.00
72	t	Bromobenzene	10.000	9.505	4.9	80	0.00
73	t	n-propylbenzene	10.000	8.879	11.2	80	0.00
74	t	2-Chlorotoluene	10.000	9.951	0.5	81	0.00
75	t	1,3,5-Trimethylbenzene	10.000	8.839	11.6	80	0.00
76	t	4-Chlorotoluene	10.000	9.979	0.2	79	0.00
77	t	tert-Butylbenzene	10.000	8.731	12.7	79	0.00
78	t	1,2,4-Trimethylbenzene	10.000	8.808	11.9	78	0.00
79	t	sec-Butylbenzene	10.000	8.740	12.6	78	0.00
80		Nitrobenzene	50.000	44.612	10.8	81	0.00
81	t	p-Isopropyltoluene	10.000	8.700	13.0	76	0.00
82	t	1,3-Dichlorobenzene	10.000	9.791	2.1	80	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.051	-0.5	81	0.00
84	t	n-Butylbenzene	10.000	8.535	14.6	74	0.00
85	Rt	1,2-Dichlorobenzene	10.000	9.913	0.9	81	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.218	-12.2	83	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	8.859	11.4	77	0.00
88	t	Hexachlorobutadiene	10.000	9.795	2.1	74	0.00
89	t	Naphthalene	10.000	8.412	15.9	75	0.00
90	t	1,2,3-Trichlorobenzene	10.000	8.867	11.3	78	0.00

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