Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
Data File : VU053161.D
Acq On : 27 Feb 2023 19:55
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 28 04:22:25 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	89	0.00
2	T	Dichlorodifluoromethane	10.000	10.549	-5.5	90	0.00
3	t	Chloromethane	10.000	10.120	-1.2	94	0.00
4	Rt	Vinyl Chloride	10.000	10.713	-7.1	91	0.00
5	T	Bromomethane	10.000	11.093	-10.9	96	0.00
6	T	Chloroethane	10.000	10.865	-8.7	92	0.00
7	T	Trichlorofluoromethane	10.000	9.992	0.1	87	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.999	0.0	85	0.00
9	Rt	1,1-Dichloroethene	10.000	10.571	-5.7	90	0.00
10	t	Iodomethane	10.000	11.381	-13.8	87	0.00
11	t	Allyl Chloride	10.000	9.292	7.1	81	0.00
12	t	Acrylonitrile	20.000	22.500	-12.5	102	0.00
13	T	Acetone	50.000	26.486	47.0#	57	0.02
14	T	Carbon Disulfide	10.000	10.280	-2.8	89	0.00
15	RT	Methylene Chloride	10.000	9.719	2.8	97	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.154	-1.5	89	0.00
17	t	1,1-Dichloroethane	10.000	10.446	-4.5	91	0.00
18	T	2-Butanone	50.000	38.588	22.8	78	0.00
19		Cyclohexane	10.000	9.383	6.2	83	0.00
20		Methylcyclohexane	10.000	10.170	-1.7	88	0.00
21	T	2,2-Dichloropropane	10.000	9.894	1.1	88	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.446	-4.5	93	0.00
23	t	Diethyl Ether	10.000	10.789	-7.9	93	0.00
24	t	tert-Butyl Alcohol	100.000	118.183	-18.2	109	0.05
25	t	Methyl tert-Butyl Ether	10.000	11.017	-10.2	96	0.00
26	t	Bromochloromethane	10.000	10.625	-6.3	100	0.00
27	t	Chloroform	10.000	10.284	-2.8	93	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.970	0.3	89	0.00
29	T	1,1-Dichloropropene	10.000	10.047	-0.5	90	0.00
30	RT	Carbon Tetrachloride	10.000	10.247	-2.5	87	0.00
31	t	Isopropyl Ether	10.000	10.274	-2.7	90	0.00
32		Ethyl-t-butyl ether	10.000	10.640	-6.4	93	0.00
33		Tert-Amyl methyl ether	10.000	10.901	-9.0	94	0.00
34	t	Propionitrile	50.000	56.256	-12.5	110	0.01
35	RT	Benzene	10.000	10.584	-5.8	93	0.00
36	RT	1,2-Dichloroethane	10.000	10.612	-6.1	95	0.00
37	RT	Trichloroethene	10.000	10.762	-7.6	92	0.00
38	Rt	1,2-Dichloropropane	10.000	10.970	-9.7	94	0.00
39	t	Methacrylonitrile	10.000	9.840	1.6	91	0.00
40	t	Methyl acrylate	10.000	11.419	-14.2	101	0.00
41	t	Tetrahydrofuran	20.000	20.362	-1.8	97	0.00
42	t	1-Chlorobutane	10.000	10.073	-0.7	88	0.00
43	T	Dibromomethane	10.000	10.860	-8.6	95	0.00
44	T	Bromodichloromethane	10.000	10.991	-9.9	92	0.00
45	T	4-Methyl-2-Pentanone	50.000	56.119	-12.2	98	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	21.495	-7.5	98	0.00
47	t	Methyl methacrylate	20.000	22.902	-14.5	98	0.00
48	t	Ethyl methacrylate	10.000	11.273	-12.7	95	0.00
49	Rt	Toluene	10.000	10.740	-7.4	90	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.165	-11.6	94	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.974	-9.7	92	0.00
52	RT	1,1,2-Trichloroethane	10.000	11.400	-14.0	96	0.00
53	t	1,3-Dichloropropane	10.000	11.114	-11.1	96	0.00
54	t	2-Hexanone	50.000	46.240	7.5	91	0.00
55	t	Dibromochloromethane	10.000	11.231	-12.3	95	0.00
56	T	1,2-Dibromoethane	10.000	11.560	-15.6	98	0.00
57	S	4-Bromofluorobenzene	1.000	1.023	-2.3	91	0.00
58	RT	Tetrachloroethene	10.000	10.552	-5.5	92	0.00
59	Rt	Chlorobenzene	10.000	11.084	-10.8	94	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	11.323	-13.2	94	0.00
61	t	Pentachloroethane	10.000	11.150	-11.5	92	0.00
62	t	Hexachloroethane	10.000	10.597	-6.0	86	0.00
63	Rt	Ethyl Benzene	10.000	10.729	-7.3	89	0.00
64	RT	m/p-Xylenes	20.000	22.024	-10.1	92	0.00
65	RT	o-Xylene	10.000	10.979	-9.8	93	0.00
66	RT	Styrene	10.000	11.449	-14.5	94	0.00
67	t	Bromoform	10.000	11.767	-17.7	96	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.090	-9.0	96	0.00
69	T	Isopropylbenzene	10.000	10.804	-8.0	89	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	11.407	-14.1	96	0.00
71	T	1,2,3-Trichloropropane	10.000	10.624	-6.2	94	0.00
72	t	Bromobenzene	10.000	11.311	-13.1	94	0.00
73	t	n-propylbenzene	10.000	10.747	-7.5	88	0.00
74	t	2-Chlorotoluene	10.000	11.041	-10.4	93	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.845	-8.5	90	0.00
76	t	4-Chlorotoluene	10.000	10.827	-8.3	93	0.00
77	t	tert-Butylbenzene	10.000	10.734	-7.3	89	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.923	-9.2	91	0.00
79	t	sec-Butylbenzene	10.000	10.735	-7.3	88	0.00
80		Nitrobenzene	50.000	48.616	2.8	89	0.00
81	t	p-Isopropyltoluene	10.000	10.599	-6.0	87	0.00
82	t	1,3-Dichlorobenzene	10.000	11.203	-12.0	93	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.897	-9.0	91	0.00
84	t	n-Butylbenzene	10.000	10.817	-8.2	87	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.220	-12.2	94	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.506	-5.1	96	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.503	-15.0	93	0.00
88	t	Hexachlorobutadiene	10.000	10.663	-6.6	88	0.00
89	t	Naphthalene	10.000	11.640	-16.4	96	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.376	-13.8	93	0.00

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