Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020923\
Data File : VU053027.D
Acq On : 09 Feb 2023 19:54
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 10 01:24:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jan 24 05:16:59 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	79	0.00
2	T	Dichlorodifluoromethane	10.000	7.677	23.2	59	0.00
3	t	Chloromethane	10.000	8.017	19.8	66	0.00
4	Rt	Vinyl Chloride	10.000	9.650	3.5	75	0.00
5	T	Bromomethane	10.000	10.335	-3.4	78	0.00
6	T	Chloroethane	10.000	9.543	4.6	75	0.00
7	T	Trichlorofluoromethane	10.000	10.625	-6.3	83	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.364	-3.6	82	0.00
9	Rt	1,1-Dichloroethene	10.000	10.170	-1.7	79	0.00
10	t	Iodomethane	10.000	11.909	-19.1	83	0.00
11	t	Allyl Chloride	10.000	11.558	-15.6	89	0.00
12	t	Acrylonitrile	20.000	24.369	-21.8	91	0.00
13	T	Acetone	50.000	29.534	40.9#	50	0.00
14	T	Carbon Disulfide	10.000	8.851	11.5	70	0.00
15	RT	Methylene Chloride	10.000	9.599	4.0	84	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.004	-0.0	79	0.00
17	t	1,1-Dichloroethane	10.000	11.768	-17.7	93	0.00
18	T	2-Butanone	50.000	43.824	12.4	71	0.00
19		Cyclohexane	10.000	10.469	-4.7	84	0.00
20		Methylcyclohexane	10.000	9.675	3.2	70	0.00
21	T	2,2-Dichloropropane	10.000	10.863	-8.6	87	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.925	-9.3	87	0.00
23	t	Diethyl Ether	10.000	12.338	-23.4	94	0.00
24	t	tert-Butyl Alcohol	100.000	111.874	-11.9	87	0.06
25	t	Methyl tert-Butyl Ether	10.000	12.625	-26.3	97	0.00
26	t	Bromochloromethane	10.000	9.511	4.9	77	0.00
27	t	Chloroform	10.000	11.139	-11.4	88	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.710	-7.1	84	0.00
29	T	1,1-Dichloropropene	10.000	9.229	7.7	71	0.00
30	RT	Carbon Tetrachloride	10.000	8.585	14.1	66	0.00
31	t	Isopropyl Ether	10.000	12.402	-24.0	98	0.00
32		Ethyl-t-butyl ether	10.000	13.480	-34.8#	104	0.00
33		Tert-Amyl methyl ether	10.000	12.075	-20.7	90	0.00
34	t	Propionitrile	50.000	62.549	-25.1	96	0.01
35	RT	Benzene	10.000	8.986	10.1	69	0.00
36	RT	1,2-Dichloroethane	10.000	9.028	9.7	71	0.00
37	RT	Trichloroethene	10.000	8.105	18.9	62	0.00
38	Rt	1,2-Dichloropropane	10.000	9.811	1.9	75	0.00
39	t	Methacrylonitrile	10.000	12.233	-22.3	93	0.00
40	t	Methyl acrylate	10.000	13.503	-35.0#	99	0.00
41	t	Tetrahydrofuran	20.000	24.730	-23.7	101	0.00
42	t	1-Chlorobutane	10.000	9.973	0.3	78	0.00
43	T	Dibromomethane	10.000	9.440	5.6	74	0.00
44	T	Bromodichloromethane	10.000	9.319	6.8	73	0.00
45	T	4-Methyl-2-Pentanone	50.000	53.102	-6.2	75	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	23.817	-19.1	93	0.00
47	t	Methyl methacrylate	20.000	22.325	-11.6	78	0.00
48	t	Ethyl methacrylate	10.000	12.662	-26.6	86	0.00
49	Rt	Toluene	10.000	9.240	7.6	68	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.649	-6.5	78	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.670	-6.7	80	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.406	5.9	72	0.00
53	t	1,3-Dichloropropane	10.000	9.614	3.9	73	0.00
54	t	2-Hexanone	50.000	43.453	13.1	63	0.00
55	t	Dibromochloromethane	10.000	8.674	13.3	67	0.00
56	T	1,2-Dibromoethane	10.000	9.301	7.0	71	0.00
57	S	4-Bromofluorobenzene	1.000	1.149	-14.9	86	0.00
58	RT	Tetrachloroethene	10.000	6.969	30.3#	54	0.00
59	Rt	Chlorobenzene	10.000	9.303	7.0	70	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	8.351	16.5	64	0.00
61	t	Pentachloroethane	10.000	9.286	7.1	71	0.00
62	t	Hexachloroethane	10.000	9.930	0.7	74	0.00
63	Rt	Ethyl Benzene	10.000	10.510	-5.1	73	0.00
64	RT	m/p-Xylenes	20.000	19.655	1.7	67	0.00
65	RT	o-Xylene	10.000	10.168	-1.7	71	0.00
66	RT	Styrene	10.000	8.750	12.5	71	0.00
67	t	Bromoform	10.000	8.264	17.4	65	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.982	1.8	72	0.00
69	T	Isopropylbenzene	10.000	10.619	-6.2	73	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.989	-9.9	83	0.00
71	T	1,2,3-Trichloropropane	10.000	8.087	19.1	61	0.00
72	t	Bromobenzene	10.000	8.784	12.2	65	0.00
73	t	n-propylbenzene	10.000	8.514	14.9	69	0.00
74	t	2-Chlorotoluene	10.000	9.643	3.6	68	0.00
75	t	1,3,5-Trimethylbenzene	10.000	8.797	12.0	71	0.00
76	t	4-Chlorotoluene	10.000	9.471	5.3	66	0.00
77	t	tert-Butylbenzene	10.000	10.154	-1.5	70	0.00
78	t	1,2,4-Trimethylbenzene	10.000	8.714	12.9	71	0.00
79	t	sec-Butylbenzene	10.000	8.831	11.7	72	0.00
80		Nitrobenzene	50.000	53.545	-7.1	82	0.00
81	t	p-Isopropyltoluene	10.000	8.130	18.7	66	0.00
82	t	1,3-Dichlorobenzene	10.000	8.834	11.7	65	0.00
83	Rt	1,4-Dichlorobenzene	10.000	8.707	12.9	63	0.00
84	t	n-Butylbenzene	10.000	9.039	9.6	75	0.00
85	Rt	1,2-Dichlorobenzene	10.000	8.951	10.5	65	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.347	-3.5	80	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	9.566	4.3	66	0.00
88	t	Hexachlorobutadiene	10.000	6.901	31.0#	51	0.00
89	t	Naphthalene	10.000	10.352	-3.5	76	0.00
90	t	1,2,3-Trichlorobenzene	10.000	8.978	10.2	62	0.00

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