Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033023\
Data File : VU053485.D
Acq On : 30 Mar 2023 15:02
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Apr 07 18:16:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 30 13:33:10 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	9.734	2.7	81	0.00
3	t	Chloromethane	10.000	9.069	9.3	80	0.00
4	Rt	Vinyl Chloride	10.000	9.496	5.0	79	0.00
5	T	Bromomethane	10.000	9.832	1.7	84	0.00
6	T	Chloroethane	10.000	8.983	10.2	81	0.00
7	T	Trichlorofluoromethane	10.000	8.888	11.1	77	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.207	7.9	81	0.00
9	Rt	1,1-Dichloroethene	10.000	9.106	8.9	80	0.00
10	t	Iodomethane	10.000	9.394	6.1	83	0.00
11	t	Allyl Chloride	10.000	9.988	0.1	81	0.00
12	t	Acrylonitrile	20.000	18.389	8.1	77	0.00
13	T	Acetone	50.000	48.443	3.1	88	-0.02
14	T	Carbon Disulfide	10.000	9.618	3.8	81	0.00
15	RT	Methylene Chloride	10.000	9.254	7.5	83	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.720	2.8	81	0.00
17	t	1,1-Dichloroethane	10.000	9.780	2.2	80	0.00
18	T	2-Butanone	50.000	53.321	-6.6	87	-0.02
19		Cyclohexane	10.000	9.741	2.6	80	0.00
20		Methylcyclohexane	10.000	10.045	-0.4	80	0.00
21	T	2,2-Dichloropropane	10.000	10.025	-0.3	80	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.040	-0.4	81	0.00
23	t	Diethyl Ether	10.000	8.950	10.5	77	0.00
24	t	tert-Butyl Alcohol	100.000	34.251	65.7#	28	-0.06
25	t	Methyl tert-Butyl Ether	10.000	9.903	1.0	80	0.00
26	t	Bromochloromethane	10.000	9.698	3.0	80	0.00
27	t	Chloroform	10.000	9.927	0.7	82	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.119	-1.2	81	0.00
29	T	1,1-Dichloropropene	10.000	10.046	-0.5	81	0.00
30	RT	Carbon Tetrachloride	10.000	10.372	-3.7	80	0.00
31	t	Isopropyl Ether	10.000	10.075	-0.7	81	-0.01
32		Ethyl-t-butyl ether	10.000	10.011	-0.1	81	0.00
33		Tert-Amyl methyl ether	10.000	9.914	0.9	79	0.00
34	t	Propionitrile	50.000	46.351	7.3	75	-0.02
35	RT	Benzene	10.000	9.913	0.9	80	0.00
36	RT	1,2-Dichloroethane	10.000	9.553	4.5	80	0.00
37	RT	Trichloroethene	10.000	9.986	0.1	79	0.00
38	Rt	1,2-Dichloropropane	10.000	9.962	0.4	80	0.00
39	t	Methacrylonitrile	10.000	9.997	0.0	83	0.00
40	t	Methyl acrylate	10.000	8.908	10.9	80	-0.01
41	t	Tetrahydrofuran	20.000	19.389	3.1	77	-0.02
42	t	1-Chlorobutane	10.000	9.936	0.6	81	0.00
43	T	Dibromomethane	10.000	10.051	-0.5	80	0.00
44	T	Bromodichloromethane	10.000	10.137	-1.4	79	0.00
45	T	4-Methyl-2-Pentanone	50.000	51.758	-3.5	82	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	31.058	-55.3#	147	0.00
47	t	Methyl methacrylate	20.000	19.721	1.4	80	0.00
48	t	Ethyl methacrylate	10.000	9.955	0.4	77	0.00
49	Rt	Toluene	10.000	10.171	-1.7	81	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.630	-6.3	80	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.184	-1.8	78	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.836	1.6	80	0.00
53	t	1,3-Dichloropropane	10.000	9.947	0.5	80	0.00
54	t	2-Hexanone	50.000	55.454	-10.9	90	0.00
55	t	Dibromochloromethane	10.000	10.477	-4.8	78	0.00
56	T	1,2-Dibromoethane	10.000	10.013	-0.1	79	0.00
57	S	4-Bromofluorobenzene	1.000	1.031	-3.1	86	0.00
58	RT	Tetrachloroethene	10.000	10.238	-2.4	79	0.00
59	Rt	Chlorobenzene	10.000	9.729	2.7	77	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.289	-2.9	78	0.00
61	t	Pentachloroethane	10.000	9.438	5.6	78	0.00
62	t	Hexachloroethane	10.000	9.185	8.1	78	0.00
63	Rt	Ethyl Benzene	10.000	10.323	-3.2	80	0.00
64	RT	m/p-Xylenes	20.000	20.576	-2.9	79	0.00
65	RT	o-Xylene	10.000	10.159	-1.6	79	0.00
66	RT	Styrene	10.000	10.399	-4.0	77	0.00
67	t	Bromoform	10.000	8.691	13.1	74	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.975	2.5	81	0.00
69	T	Isopropylbenzene	10.000	10.363	-3.6	79	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.804	2.0	78	0.00
71	T	1,2,3-Trichloropropane	10.000	17.284	-72.8#	165	0.00
72	t	Bromobenzene	10.000	10.071	-0.7	79	0.00
73	t	n-propylbenzene	10.000	10.729	-7.3	80	0.00
74	t	2-Chlorotoluene	10.000	10.104	-1.0	79	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.626	-6.3	80	0.00
76	t	4-Chlorotoluene	10.000	10.384	-3.8	81	0.00
77	t	tert-Butylbenzene	10.000	10.418	-4.2	80	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.670	-6.7	80	0.00
79	t	sec-Butylbenzene	10.000	10.660	-6.6	80	0.00
80		Nitrobenzene	50.000	48.767	2.5	67	0.00
81	t	p-Isopropyltoluene	10.000	10.774	-7.7	80	0.00
82	t	1,3-Dichlorobenzene	10.000	10.346	-3.5	80	0.00
83	Rt	1,4-Dichlorobenzene	10.000	9.954	0.5	78	0.00
84	t	n-Butylbenzene	10.000	11.233	-12.3	81	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.121	-1.2	80	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.171	-1.7	79	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.834	-8.3	81	0.00
88	t	Hexachlorobutadiene	10.000	10.819	-8.2	81	0.00
89	t	Naphthalene	10.000	10.463	-4.6	78	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.866	-8.7	79	0.00

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