Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033023\
Data File : VU053478.D
Acq On : 30 Mar 2023 09:53
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Mar 30 11:51:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 30 11:46:56 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	81	0.00
2	T	Dichlorodifluoromethane	10.000	10.104	-1.0	77	0.00
3	t	Chloromethane	10.000	9.515	4.8	77	0.00
4	Rt	Vinyl Chloride	10.000	10.105	-1.1	77	0.00
5	T	Bromomethane	10.000	9.801	2.0	76	0.00
6	T	Chloroethane	10.000	9.158	8.4	76	0.00
7	T	Trichlorofluoromethane	10.000	9.979	0.2	79	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.887	1.1	80	0.00
9	Rt	1,1-Dichloroethene	10.000	9.928	0.7	80	0.00
10	t	Iodomethane	10.000	9.539	4.6	77	0.00
11	t	Allyl Chloride	10.000	10.585	-5.9	79	0.00
12	t	Acrylonitrile	20.000	20.275	-1.4	78	0.00
13	T	Acetone	50.000	53.380	-6.8	89	0.00
14	T	Carbon Disulfide	10.000	10.217	-2.2	79	0.00
15	RT	Methylene Chloride	10.000	8.030	19.7	68	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.399	-4.0	80	0.00
17	t	1,1-Dichloroethane	10.000	10.461	-4.6	78	0.00
18	T	2-Butanone	50.000	57.914	-15.8	86	-0.02
19		Cyclohexane	10.000	10.567	-5.7	80	0.00
20		Methylcyclohexane	10.000	10.657	-6.6	78	0.00
21	T	2,2-Dichloropropane	10.000	10.836	-8.4	79	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.408	-4.1	77	0.00
23	t	Diethyl Ether	10.000	9.387	6.1	74	0.00
24	t	tert-Butyl Alcohol	100.000	91.602	8.4	72	-0.01
25	t	Methyl tert-Butyl Ether	10.000	10.456	-4.6	78	0.00
26	t	Bromochloromethane	10.000	10.535	-5.4	79	0.00
27	t	Chloroform	10.000	10.368	-3.7	78	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.462	-4.6	77	0.00
29	T	1,1-Dichloropropene	10.000	10.490	-4.9	78	0.00
30	RT	Carbon Tetrachloride	10.000	11.077	-10.8	79	0.00
31	t	Isopropyl Ether	10.000	10.614	-6.1	79	-0.01
32		Ethyl-t-butyl ether	10.000	10.675	-6.8	79	0.00
33		Tert-Amyl methyl ether	10.000	10.624	-6.2	78	0.00
34	t	Propionitrile	50.000	55.477	-11.0	82	-0.02
35	RT	Benzene	10.000	10.487	-4.9	78	0.00
36	RT	1,2-Dichloroethane	10.000	10.275	-2.8	79	-0.01
37	RT	Trichloroethene	10.000	10.541	-5.4	76	0.00
38	Rt	1,2-Dichloropropane	10.000	10.661	-6.6	79	0.00
39	t	Methacrylonitrile	10.000	10.373	-3.7	79	0.00
40	t	Methyl acrylate	10.000	10.940	-9.4	90	0.00
41	t	Tetrahydrofuran	20.000	21.733	-8.7	79	-0.01
42	t	1-Chlorobutane	10.000	10.645	-6.4	80	0.00
43	T	Dibromomethane	10.000	10.634	-6.3	78	0.00
44	T	Bromodichloromethane	10.000	10.898	-9.0	78	0.00
45	T	4-Methyl-2-Pentanone	50.000	56.170	-12.3	82	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	19.295	3.5	76	0.00
47	t	Methyl methacrylate	20.000	20.862	-4.3	77	0.00
48	t	Ethyl methacrylate	10.000	10.871	-8.7	77	0.00
49	Rt	Toluene	10.000	10.594	-5.9	77	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.410	-14.1	79	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.076	-10.8	78	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.602	-6.0	79	0.00
53	t	1,3-Dichloropropane	10.000	10.648	-6.5	78	0.00
54	t	2-Hexanone	50.000	59.627	-19.3	89	0.00
55	t	Dibromochloromethane	10.000	11.086	-10.9	76	0.00
56	T	1,2-Dibromoethane	10.000	10.971	-9.7	80	0.00
57	S	4-Bromofluorobenzene	1.000	1.160	-16.0	89	0.00
58	RT	Tetrachloroethene	10.000	10.628	-6.3	75	0.00
59	Rt	Chlorobenzene	10.000	10.296	-3.0	75	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	11.094	-10.9	77	0.00
61	t	Pentachloroethane	10.000	10.680	-6.8	81	0.00
62	t	Hexachloroethane	10.000	9.673	3.3	76	0.00
63	Rt	Ethyl Benzene	10.000	10.906	-9.1	78	0.00
64	RT	m/p-Xylenes	20.000	21.744	-8.7	76	0.00
65	RT	o-Xylene	10.000	10.707	-7.1	76	0.00
66	RT	Styrene	10.000	11.026	-10.3	74	0.00
67	t	Bromoform	10.000	9.474	5.3	74	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.047	-4.7	80	0.00
69	T	Isopropylbenzene	10.000	10.829	-8.3	76	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.540	-5.4	77	0.00
71	T	1,2,3-Trichloropropane	10.000	11.127	-11.3	97	0.00
72	t	Bromobenzene	10.000	10.385	-3.8	75	0.00
73	t	n-propylbenzene	10.000	11.161	-11.6	76	0.00
74	t	2-Chlorotoluene	10.000	10.486	-4.9	75	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.045	-10.4	77	0.00
76	t	4-Chlorotoluene	10.000	10.809	-8.1	77	0.00
77	t	tert-Butylbenzene	10.000	10.878	-8.8	77	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.068	-10.7	76	0.00
79	t	sec-Butylbenzene	10.000	10.983	-9.8	76	0.00
80		Nitrobenzene	50.000	60.576	-21.2	77	0.00
81	t	p-Isopropyltoluene	10.000	11.262	-12.6	76	0.00
82	t	1,3-Dichlorobenzene	10.000	10.607	-6.1	75	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.603	-6.0	76	0.00
84	t	n-Butylbenzene	10.000	11.526	-15.3	77	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.452	-4.5	75	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	12.204	-22.0	87	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.632	-6.3	73	0.00
88	t	Hexachlorobutadiene	10.000	10.758	-7.6	74	0.00
89	t	Naphthalene	10.000	10.520	-5.2	71	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.050	-10.5	74	0.00

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