Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022823\
Data File : VU053173.D
Acq On : 28 Feb 2023 15:33
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Mar 01 03:39:13 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	86	0.00
2	T	Dichlorodifluoromethane	10.000	10.574	-5.7	87	0.00
3	t	Chloromethane	10.000	9.413	5.9	85	0.00
4	Rt	Vinyl Chloride	10.000	10.111	-1.1	83	0.00
5	T	Bromomethane	10.000	10.585	-5.9	88	0.00
6	T	Chloroethane	10.000	10.662	-6.6	87	0.00
7	T	Trichlorofluoromethane	10.000	9.804	2.0	82	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.204	-2.0	84	0.00
9	Rt	1,1-Dichloroethene	10.000	9.953	0.5	82	0.00
10	t	Iodomethane	10.000	10.942	-9.4	81	0.00
11	t	Allyl Chloride	10.000	9.053	9.5	76	0.00
12	t	Acrylonitrile	20.000	21.415	-7.1	93	0.01
13	T	Acetone	50.000	60.520	-21.0	126	0.02
14	T	Carbon Disulfide	10.000	9.691	3.1	81	0.00
15	RT	Methylene Chloride	10.000	8.806	11.9	85	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.787	2.1	83	0.00
17	t	1,1-Dichloroethane	10.000	9.880	1.2	82	0.00
18	T	2-Butanone	50.000	57.506	-15.0	112	0.00
19		Cyclohexane	10.000	9.532	4.7	81	0.00
20		Methylcyclohexane	10.000	10.478	-4.8	87	0.00
21	T	2,2-Dichloropropane	10.000	9.833	1.7	84	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.653	3.5	83	0.00
23	t	Diethyl Ether	10.000	9.749	2.5	81	0.00
24	t	tert-Butyl Alcohol	100.000	114.869	-14.9	102	0.07
25	t	Methyl tert-Butyl Ether	10.000	10.190	-1.9	85	0.00
26	t	Bromochloromethane	10.000	9.653	3.5	87	0.00
27	t	Chloroform	10.000	9.842	1.6	85	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.668	3.3	83	0.00
29	T	1,1-Dichloropropene	10.000	9.892	1.1	85	0.00
30	RT	Carbon Tetrachloride	10.000	9.996	0.0	81	0.00
31	t	Isopropyl Ether	10.000	9.713	2.9	82	0.00
32		Ethyl-t-butyl ether	10.000	9.933	0.7	83	0.00
33		Tert-Amyl methyl ether	10.000	10.204	-2.0	85	0.00
34	t	Propionitrile	50.000	51.520	-3.0	97	0.02
35	RT	Benzene	10.000	10.195	-2.0	86	0.00
36	RT	1,2-Dichloroethane	10.000	10.001	-0.0	86	0.00
37	RT	Trichloroethene	10.000	10.677	-6.8	88	0.00
38	Rt	1,2-Dichloropropane	10.000	10.487	-4.9	86	0.00
39	t	Methacrylonitrile	10.000	9.082	9.2	81	0.00
40	t	Methyl acrylate	10.000	10.449	-4.5	89	0.00
41	t	Tetrahydrofuran	20.000	19.052	4.7	88	0.00
42	t	1-Chlorobutane	10.000	9.938	0.6	83	0.00
43	T	Dibromomethane	10.000	10.403	-4.0	88	0.00
44	T	Bromodichloromethane	10.000	10.796	-8.0	87	0.00
45	T	4-Methyl-2-Pentanone	50.000	53.707	-7.4	91	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	20.940	-4.7	92	0.00
47	t	Methyl methacrylate	20.000	21.496	-7.5	89	0.00
48	t	Ethyl methacrylate	10.000	10.985	-9.8	89	0.00
49	Rt	Toluene	10.000	10.635	-6.3	86	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.844	-8.4	88	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.639	-6.4	86	0.00
52	RT	1,1,2-Trichloroethane	10.000	11.015	-10.2	89	0.00
53	t	1,3-Dichloropropane	10.000	10.687	-6.9	89	0.00
54	t	2-Hexanone	50.000	60.599	-21.2	115	0.00
55	t	Dibromochloromethane	10.000	10.680	-6.8	87	0.00
56	T	1,2-Dibromoethane	10.000	11.181	-11.8	91	0.00
57	S	4-Bromofluorobenzene	1.000	1.060	-6.0	91	0.00
58	RT	Tetrachloroethene	10.000	10.626	-6.3	89	0.00
59	Rt	Chlorobenzene	10.000	11.006	-10.1	90	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.816	-8.2	87	0.00
61	t	Pentachloroethane	10.000	11.065	-10.6	88	0.00
62	t	Hexachloroethane	10.000	10.753	-7.5	84	0.00
63	Rt	Ethyl Benzene	10.000	11.011	-10.1	88	0.00
64	RT	m/p-Xylenes	20.000	22.486	-12.4	90	0.00
65	RT	o-Xylene	10.000	10.865	-8.7	88	0.00
66	RT	Styrene	10.000	11.349	-13.5	90	0.00
67	t	Bromoform	10.000	10.977	-9.8	87	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.121	-12.1	95	0.00
69	T	Isopropylbenzene	10.000	11.027	-10.3	88	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	11.077	-10.8	90	0.00
71	T	1,2,3-Trichloropropane	10.000	9.017	9.8	76	0.00
72	t	Bromobenzene	10.000	11.111	-11.1	88	0.00
73	t	n-propylbenzene	10.000	10.924	-9.2	86	0.00
74	t	2-Chlorotoluene	10.000	11.232	-12.3	91	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.907	-9.1	87	0.00
76	t	4-Chlorotoluene	10.000	10.969	-9.7	91	0.00
77	t	tert-Butylbenzene	10.000	10.868	-8.7	87	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.979	-9.8	88	0.00
79	t	sec-Butylbenzene	10.000	11.213	-12.1	88	0.00
80		Nitrobenzene	50.000	39.458	21.1	69	0.00
81	t	p-Isopropyltoluene	10.000	11.023	-10.2	87	0.00
82	t	1,3-Dichlorobenzene	10.000	11.146	-11.5	89	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.878	-8.8	87	0.00
84	t	n-Butylbenzene	10.000	11.350	-13.5	88	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.979	-9.8	89	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.118	8.8	80	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.193	-11.9	87	0.00
88	t	Hexachlorobutadiene	10.000	10.998	-10.0	87	0.00
89	t	Naphthalene	10.000	10.804	-8.0	86	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.246	-12.5	89	0.00

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