Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020624\
Data File : VU057827.D
Acq On : 06 Feb 2024 18:12
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 07 03:03:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 06 02:05:40 2024
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	94	0.00
2	T	Dichlorodifluoromethane	10.000	10.530	-5.3	93	0.00
3	t	Chloromethane	10.000	10.233	-2.3	93	0.00
4	Rt	Vinyl Chloride	10.000	10.701	-7.0	95	0.00
5	T	Bromomethane	10.000	10.776	-7.8	97	0.00
6	T	Chloroethane	10.000	10.714	-7.1	93	0.00
7	T	Trichlorofluoromethane	10.000	10.706	-7.1	92	0.02
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.468	-4.7	92	0.01
9	Rt	1,1-Dichloroethene	10.000	10.469	-4.7	94	0.01
10	t	Iodomethane	10.000	10.013	-0.1	92	0.01
11	t	Allyl Chloride	10.000	10.789	-7.9	95	0.00
12	t	Acrylonitrile	20.000	21.506	-7.5	91	0.00
13	T	Acetone	50.000	44.989	10.0	84	0.00
14	T	Carbon Disulfide	10.000	10.194	-1.9	92	0.01
15	RT	Methylene Chloride	10.000	10.975	-9.7	110	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.468	-4.7	93	0.00
17	t	1,1-Dichloroethane	10.000	10.990	-9.9	96	0.00
18	T	2-Butanone	50.000	52.846	-5.7	88	0.00
19		Cyclohexane	10.000	10.862	-8.6	94	0.00
20		Methylcyclohexane	10.000	10.655	-6.5	93	0.00
21	T	2,2-Dichloropropane	10.000	10.272	-2.7	90	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.561	-5.6	93	0.00
23	t	Diethyl Ether	10.000	10.668	-6.7	95	0.00
24	t	tert-Butyl Alcohol	100.000	109.595	-9.6	122	0.02
25	t	Methyl tert-Butyl Ether	10.000	10.747	-7.5	95	0.00
26	t	Bromochloromethane	10.000	10.363	-3.6	92	0.00
27	t	Chloroform	10.000	10.813	-8.1	95	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.569	-5.7	95	0.00
29	T	1,1-Dichloropropene	10.000	10.550	-5.5	93	0.00
30	RT	Carbon Tetrachloride	10.000	10.713	-7.1	94	0.00
31	t	Isopropyl Ether	10.000	11.197	-12.0	96	0.00
32		Ethyl-t-butyl ether	10.000	10.844	-8.4	95	0.00
33		Tert-Amyl methyl ether	10.000	10.645	-6.4	93	0.00
34	t	Propionitrile	50.000	54.325	-8.7	93	0.00
35	RT	Benzene	10.000	10.601	-6.0	94	0.00
36	RT	1,2-Dichloroethane	10.000	10.822	-8.2	94	0.00
37	RT	Trichloroethene	10.000	10.688	-6.9	94	0.00
38	Rt	1,2-Dichloropropane	10.000	11.050	-10.5	97	0.00
39	t	Methacrylonitrile	10.000	11.399	-14.0	94	0.00
40	t	Methyl acrylate	10.000	11.309	-13.1	91	0.00
41	t	Tetrahydrofuran	20.000	22.123	-10.6	95	0.00
42	t	1-Chlorobutane	10.000	10.768	-7.7	94	0.00
43	T	Dibromomethane	10.000	10.908	-9.1	93	0.00
44	T	Bromodichloromethane	10.000	10.855	-8.6	94	0.00
45	T	4-Methyl-2-Pentanone	50.000	53.123	-6.2	90	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	17.480	12.6	84	0.00
47	t	Methyl methacrylate	20.000	22.042	-10.2	94	0.00
48	t	Ethyl methacrylate	10.000	10.892	-8.9	93	0.00
49	Rt	Toluene	10.000	10.873	-8.7	95	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.712	-7.1	91	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.579	-5.8	92	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.948	-9.5	95	0.00
53	t	1,3-Dichloropropane	10.000	10.738	-7.4	95	0.00
54	t	2-Hexanone	50.000	51.053	-2.1	85	0.00
55	t	Dibromochloromethane	10.000	10.770	-7.7	92	0.00
56	T	1,2-Dibromoethane	10.000	10.895	-8.9	94	0.00
57	S	4-Bromofluorobenzene	1.000	0.999	0.1	91	0.00
58	RT	Tetrachloroethene	10.000	10.721	-7.2	96	0.00
59	Rt	Chlorobenzene	10.000	10.711	-7.1	93	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.953	-9.5	93	0.00
61	t	Pentachloroethane	10.000	10.383	-3.8	86	0.00
62	t	Hexachloroethane	10.000	10.913	-9.1	90	0.00
63	Rt	Ethyl Benzene	10.000	10.910	-9.1	94	0.00
64	RT	m/p-Xylenes	20.000	21.725	-8.6	93	0.00
65	RT	o-Xylene	10.000	10.735	-7.3	94	0.00
66	RT	Styrene	10.000	11.192	-11.9	95	0.00
67	t	Bromoform	10.000	11.066	-10.7	91	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.015	-1.5	92	0.00
69	T	Isopropylbenzene	10.000	10.897	-9.0	94	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.835	-8.4	92	0.00
71	T	1,2,3-Trichloropropane	10.000	11.610	-16.1	104	-0.01
72	t	Bromobenzene	10.000	10.688	-6.9	94	0.00
73	t	n-propylbenzene	10.000	11.040	-10.4	92	0.00
74	t	2-Chlorotoluene	10.000	10.880	-8.8	94	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.003	-10.0	93	0.00
76	t	4-Chlorotoluene	10.000	11.031	-10.3	93	0.00
77	t	tert-Butylbenzene	10.000	10.840	-8.4	92	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.083	-10.8	94	0.00
79	t	sec-Butylbenzene	10.000	10.948	-9.5	92	0.00
80		Nitrobenzene	50.000	39.234	21.5	72	0.00
81	t	p-Isopropyltoluene	10.000	11.145	-11.4	93	0.00
82	t	1,3-Dichlorobenzene	10.000	10.778	-7.8	93	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.873	-8.7	94	0.00
84	t	n-Butylbenzene	10.000	11.360	-13.6	93	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.592	-5.9	92	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.247	-2.5	87	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.167	-11.7	91	0.00
88	t	Hexachlorobutadiene	10.000	10.669	-6.7	90	0.00
89	t	Naphthalene	10.000	11.877	-18.8	99	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.542	-15.4	95	0.00

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