Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031020\
Data File : VU037143.D
Acq On : 10 Mar 2020 09:41
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 10 12:12:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Mar 10 12:09:07 2020
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	92	0.00
2	T	Dichlorodifluoromethane	10.000	10.064	-0.6	95	0.00
3	t	Chloromethane	10.000	9.382	6.2	87	0.00
4	Rt	Vinyl Chloride	10.000	9.919	0.8	91	0.00
5	T	Bromomethane	10.000	9.468	5.3	96	0.00
6	T	Chloroethane	10.000	9.622	3.8	92	0.00
7	T	Trichlorofluoromethane	10.000	10.199	-2.0	98	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.361	-3.6	98	0.00
9	Rt	1,1-Dichloroethene	10.000	10.369	-3.7	99	0.00
10	t	Iodomethane	10.000	13.744	-37.4#	140	0.00
11	t	Allyl Chloride	10.000	10.135	-1.3	98	0.00
12	t	Acrylonitrile	20.000	24.315	-21.6	117	0.00
13	T	Acetone	51.000	53.805	-5.5	116	0.00
14	T	Carbon Disulfide	10.000	10.146	-1.5	96	0.00
15	RT	Methylene Chloride	10.000	9.191	8.1	100	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.421	-4.2	99	0.00
17	t	1,1-Dichloroethane	10.000	10.039	-0.4	97	0.00
18	T	2-Butanone	50.000	54.040	-8.1	108	0.00
19		Cyclohexane	10.000	10.513	-5.1	95	0.00
20		Methylcyclohexane	10.000	10.514	-5.1	95	0.00
21	T	2,2-Dichloropropane	10.000	10.192	-1.9	99	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.522	-5.2	99	0.00
23	t	Diethyl Ether	10.000	10.443	-4.4	102	0.00
24	t	tert-Butyl Alcohol	100.000	115.259	-15.3	106	0.04
25	t	Methyl tert-Butyl Ether	10.000	10.574	-5.7	102	0.00
26	t	Bromochloromethane	10.000	10.494	-4.9	100	0.00
27	t	Chloroform	10.000	9.795	2.1	97	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.146	-1.5	97	0.00
29	T	1,1-Dichloropropene	10.000	10.530	-5.3	99	0.00
30	RT	Carbon Tetrachloride	10.000	10.413	-4.1	97	0.00
31	t	Isopropyl Ether	10.000	10.199	-2.0	95	0.00
32		Ethyl-t-butyl ether	10.000	10.385	-3.8	96	0.00
33		Tert-Amyl methyl ether	10.000	10.537	-5.4	97	0.00
34	t	Propionitrile	50.000	58.940	-17.9	110	0.01
35	RT	Benzene	10.000	10.186	-1.9	97	0.00
36	RT	1,2-Dichloroethane	10.000	10.110	-1.1	99	0.00
37	RT	Trichloroethene	10.000	10.181	-1.8	100	0.00
38	Rt	1,2-Dichloropropane	10.000	10.326	-3.3	98	0.00
39	t	Methacrylonitrile	10.000	10.628	-6.3	99	0.00
40	t	Methyl acrylate	10.000	11.224	-12.2	108	0.00
41	t	Tetrahydrofuran	20.000	21.845	-9.2	103	0.00
42	t	1-Chlorobutane	10.000	10.475	-4.7	97	0.00
43	T	Dibromomethane	10.000	10.991	-9.9	105	0.00
44	T	Bromodichloromethane	10.000	10.445	-4.5	98	0.00
45	T	4-Methyl-2-Pentanone	50.000	54.707	-9.4	103	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	24.499	-22.5	111	0.00

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Mar 10 12:09:07 2020
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)
47	t	Methyl methacrylate	20.000	23.152	-15.8	101	0.00
48	t	Ethyl methacrylate	10.000	11.082	-10.8	99	0.00
49	Rt	Toluene	10.000	10.576	-5.8	94	0.00
50	T	t-1,3-Dichloropropene	10.000	10.856	-8.6	100	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.576	-5.8	98	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.756	-7.6	102	0.00
53	t	1,3-Dichloropropane	10.000	10.420	-4.2	98	0.00
54	t	2-Hexanone	50.000	57.062	-14.1	104	0.00
55	t	Dibromochloromethane	10.000	10.779	-7.8	99	0.00
56	T	1,2-Dibromoethane	10.000	10.969	-9.7	97	0.00
57	S	4-Bromofluorobenzene	1.000	1.220	-22.0	113	0.00
58	RT	Tetrachloroethene	10.000	10.119	-1.2	96	0.00
59	Rt	Chlorobenzene	10.000	10.266	-2.7	96	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.316	-3.2	94	0.00
61	t	Pentachloroethane	10.000	10.145	-1.4	93	0.00
62	t	Hexachloroethane	10.000	10.627	-6.3	97	0.00
63	Rt	Ethyl Benzene	10.000	10.865	-8.7	95	0.00
64	RT	m/p-Xylenes	20.000	22.001	-10.0	95	0.00
65	RT	o-Xylene	10.000	10.865	-8.7	95	0.00
66	RT	Styrene	10.000	11.369	-13.7	95	0.00
67	t	Bromoform	10.000	11.180	-11.8	98	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.001	-0.1	92	0.00
69	T	Isopropylbenzene	10.000	10.840	-8.4	96	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.807	-8.1	101	0.00
71	T	1,2,3-Trichloropropane	10.000	12.028	-20.3	107	0.00
72	t	Bromobenzene	10.000	10.276	-2.8	99	0.00
73	t	n-propylbenzene	10.000	11.366	-13.7	97	0.00
74	t	2-Chlorotoluene	10.000	10.897	-9.0	96	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.126	-11.3	96	0.00
76	t	4-Chlorotoluene	10.000	11.206	-12.1	98	0.00
77	t	tert-Butylbenzene	10.000	10.597	-6.0	94	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.450	-14.5	96	0.00
79	t	sec-Butylbenzene	10.000	10.882	-8.8	96	0.00
80		Nitrobenzene	50.000	48.225	3.5	83	0.00
81	t	p-Isopropyltoluene	10.000	11.390	-13.9	96	0.00
82	t	1,3-Dichlorobenzene	10.000	10.543	-5.4	97	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.525	-5.3	98	0.00
84	t	n-Butylbenzene	10.000	11.639	-16.4	98	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.473	-4.7	99	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.405	-14.0	100	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.852	-18.5	99	0.00
88	t	Hexachlorobutadiene	10.000	10.406	-4.1	97	0.00
89	t	Naphthalene	10.000	10.482	-4.8	98	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.828	-18.3	101	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)

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