Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030921\
Data File : VU042538.D
Acq On : 09 Mar 2021 13:33
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU030921

Quant Time: Mar 10 06:47:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U030921DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 10 06:46:59 2021
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	105	0.00
2	T	Dichlorodifluoromethane	10.000	6.994	30.1#	70	0.00
3	t	Chloromethane	10.000	8.618	13.8	88	0.00
4	Rt	Vinyl Chloride	10.000	8.992	10.1	90	0.00
5	T	Bromomethane	10.000	9.303	7.0	95	0.00
6	T	Chloroethane	10.000	9.172	8.3	92	0.00
7	T	Trichlorofluoromethane	10.000	9.176	8.2	93	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	8.905	11.0	89	0.00
9	Rt	1,1-Dichloroethene	10.000	9.473	5.3	94	0.00
10	t	Iodomethane	10.000	9.403	6.0	91	0.00
11	t	Allyl Chloride	10.000	9.778	2.2	97	0.00
12	t	Acrylonitrile	20.000	54.060	-170.3#	307	0.00
13	T	Acetone	50.000	70.448	-40.9#	154	0.00
14	T	Carbon Disulfide	10.000	8.841	11.6	88	0.00
15	RT	Methylene Chloride	10.000	9.273	7.3	98	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.878	1.2	98	0.00
17	t	1,1-Dichloroethane	10.000	9.911	0.9	100	0.00
18	T	2-Butanone	50.000	53.254	-6.5	112	0.00
19		Cyclohexane	10.000	8.722	12.8	88	0.00
20		Methylcyclohexane	10.000	10.014	-0.1	93	0.00
21	T	2,2-Dichloropropane	10.000	9.611	3.9	98	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.487	-4.9	104	0.00
23	t	Diethyl Ether	10.000	9.264	7.4	93	0.00
24	t	tert-Butyl Alcohol	100.000	60.184	39.8#	58	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.043	-0.4	99	0.00
26	t	Bromochloromethane	10.000	9.815	1.9	99	0.00
27	t	Chloroform	10.000	9.878	1.2	99	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.661	3.4	95	0.00
29	T	1,1-Dichloropropene	10.000	9.912	0.9	97	0.00
30	RT	Carbon Tetrachloride	10.000	9.826	1.7	96	0.00
31	t	Isopropyl Ether	10.000	10.303	-3.0	103	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.52#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.96#
34	t	Propionitrile	50.000	116.723	-133.4#	218	0.00
35	RT	Benzene	10.000	10.298	-3.0	101	0.00
36	RT	1,2-Dichloroethane	10.000	10.134	-1.3	101	0.00
37	RT	Trichloroethene	10.000	9.875	1.3	99	0.00
38	Rt	1,2-Dichloropropane	10.000	10.237	-2.4	101	0.00
39	t	Methacrylonitrile	10.000	10.145	-1.4	98	0.00
40	t	Methyl acrylate	10.000	10.294	-2.9	102	0.00
41	t	Tetrahydrofuran	20.000	50.568	-152.8#	275	0.00
42	t	1-Chlorobutane	10.000	9.691	3.1	98	0.00
43	T	Dibromomethane	10.000	10.314	-3.1	98	0.00
44	T	Bromodichloromethane	10.000	10.888	-8.9	104	0.00
45	T	4-Methyl-2-Pentanone	50.000	52.214	-4.4	97	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	10.754	46.2#	57	0.00
47	t	Methyl methacrylate	20.000	10.628	46.9#	49	0.00
48	t	Ethyl methacrylate	10.000	10.144	-1.4	94	0.00
49	Rt	Toluene	10.000	10.407	-4.1	98	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.069	-10.7	101	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.314	-13.1	104	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.583	-5.8	101	0.00
53	t	1,3-Dichloropropane	10.000	10.197	-2.0	99	0.00
54	t	2-Hexanone	50.000	54.190	-8.4	100	0.00
55	t	Dibromochloromethane	10.000	10.940	-9.4	101	0.00
56	T	1,2-Dibromoethane	10.000	10.471	-4.7	102	0.00
57	S	4-Bromofluorobenzene	1.000	1.035	-3.5	102	0.00
58	RT	Tetrachloroethene	10.000	9.780	2.2	97	0.00
59	Rt	Chlorobenzene	10.000	10.371	-3.7	97	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.852	-8.5	101	0.00
61	t	Pentachloroethane	10.000	10.915	-9.1	100	0.00
62	t	Hexachloroethane	10.000	9.300	7.0	100	0.00
63	Rt	Ethyl Benzene	10.000	11.010	-10.1	100	0.00
64	RT	m/p-Xylenes	20.000	21.867	-9.3	97	0.00
65	RT	o-Xylene	10.000	10.713	-7.1	97	0.00
66	RT	Styrene	10.000	10.965	-9.6	97	0.00
67	t	Bromoform	10.000	11.130	-11.3	99	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.050	-5.0	104	0.00
69	T	Isopropylbenzene	10.000	11.250	-12.5	100	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.698	-7.0	101	0.00
71	T	1,2,3-Trichloropropane	10.000	10.266	-2.7	99	0.00
72	t	Bromobenzene	10.000	10.733	-7.3	98	0.00
73	t	n-propylbenzene	10.000	11.084	-10.8	97	0.00
74	t	2-Chlorotoluene	10.000	10.998	-10.0	98	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.605	-16.1	102	0.00
76	t	4-Chlorotoluene	10.000	11.225	-12.2	101	0.00
77	t	tert-Butylbenzene	10.000	11.025	-10.3	99	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.577	4.2	101	0.00
79	t	sec-Butylbenzene	10.000	8.752	12.5	92	0.00
80		Nitrobenzene	50.000	14.456	71.1#	24	0.00
81	t	p-Isopropyltoluene	10.000	9.549	4.5	101	0.00
82	t	1,3-Dichlorobenzene	10.000	10.831	-8.3	100	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.755	-7.6	98	0.00
84	t	n-Butylbenzene	10.000	9.526	4.7	101	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.560	-5.6	97	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.317	6.8	98	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	9.868	1.3	104	0.00
88	t	Hexachlorobutadiene	10.000	11.313	-13.1	104	0.00
89	t	Naphthalene	10.000	9.838	1.6	104	0.00
90	t	1,2,3-Trichlorobenzene	10.000	9.893	1.1	103	0.00

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