Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012821\
Data File : VU042208.D
Acq On : 28 Jan 2021 16:42
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU012821

Quant Time: Jan 29 10:29:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jan 29 09:59:59 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	92	0.00
2	T	Dichlorodifluoromethane	10.000	6.443	35.6#	59	0.00
3	t	Chloromethane	10.000	8.478	15.2	81	0.00
4	Rt	Vinyl Chloride	10.000	8.750	12.5	80	0.00
5	T	Bromomethane	10.000	10.317	-3.2	105	0.00
6	T	Chloroethane	10.000	9.418	5.8	87	0.00
7	T	Trichlorofluoromethane	10.000	9.488	5.1	87	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.034	9.7	81	0.00
9	Rt	1,1-Dichloroethene	10.000	9.920	0.8	91	0.00
10	t	Iodomethane	10.000	10.279	-2.8	88	0.00
11	t	Allyl Chloride	10.000	9.731	2.7	92	0.00
12	t	Acrylonitrile	20.000	48.521	-142.6#	215	0.00
13	T	Acetone	50.000	56.553	-13.1	102	0.00
14	T	Carbon Disulfide	10.000	9.392	6.1	85	0.00
15	RT	Methylene Chloride	10.000	8.808	11.9	91	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.088	-0.9	90	0.00
17	t	1,1-Dichloroethane	10.000	9.984	0.2	91	0.00
18	T	2-Butanone	50.000	49.328	1.3	91	0.00
19		Cyclohexane	10.000	9.096	9.0	83	0.00
20		Methylcyclohexane	10.000	9.764	2.4	90	0.00
21	T	2,2-Dichloropropane	10.000	9.480	5.2	88	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.223	-2.2	94	0.00
23	t	Diethyl Ether	10.000	9.707	2.9	86	0.00
24	t	tert-Butyl Alcohol	100.000	45.684	54.3#	39	-0.01
25	t	Methyl tert-Butyl Ether	10.000	9.943	0.6	92	0.00
26	t	Bromochloromethane	10.000	10.115	-1.2	90	0.00
27	t	Chloroform	10.000	9.928	0.7	91	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.706	2.9	89	0.00
29	T	1,1-Dichloropropene	10.000	9.915	0.9	90	0.00
30	RT	Carbon Tetrachloride	10.000	10.060	-0.6	90	0.00
31	t	Isopropyl Ether	10.000	9.947	0.5	92	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	97.777	-95.6#	174	0.00
35	RT	Benzene	10.000	10.191	-1.9	92	0.00
36	RT	1,2-Dichloroethane	10.000	10.172	-1.7	93	0.00
37	RT	Trichloroethene	10.000	10.344	-3.4	92	0.00
38	Rt	1,2-Dichloropropane	10.000	10.199	-2.0	91	0.00
39	t	Methacrylonitrile	10.000	10.083	-0.8	91	0.00
40	t	Methyl acrylate	10.000	10.469	-4.7	92	0.00
41	t	Tetrahydrofuran	20.000	52.402	-162.0#	232	0.00
42	t	1-Chlorobutane	10.000	9.766	2.3	90	0.00
43	T	Dibromomethane	10.000	10.832	-8.3	97	0.00
44	T	Bromodichloromethane	10.000	10.817	-8.2	96	0.00
45	T	4-Methyl-2-Pentanone	50.000	49.180	1.6	92	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	15.056	24.7	64	0.00
47	t	Methyl methacrylate	20.000	10.915	45.4#	48	0.00
48	t	Ethyl methacrylate	10.000	9.819	1.8	90	0.00
49	Rt	Toluene	10.000	10.376	-3.8	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.886	-8.9	96	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.970	-9.7	96	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.549	-5.5	97	0.00
53	t	1,3-Dichloropropane	10.000	10.458	-4.6	95	0.00
54	t	2-Hexanone	50.000	49.701	0.6	92	0.00
55	t	Dibromochloromethane	10.000	10.984	-9.8	96	0.00
56	T	1,2-Dibromoethane	10.000	10.666	-6.7	94	0.00
57	S	4-Bromofluorobenzene	1.000	0.986	1.4	90	0.00
58	RT	Tetrachloroethene	10.000	10.331	-3.3	93	0.00
59	Rt	Chlorobenzene	10.000	10.176	-1.8	92	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.280	-2.8	93	0.00
61	t	Pentachloroethane	10.000	10.862	-8.6	95	0.00
62	t	Hexachloroethane	10.000	10.946	-9.5	95	0.00
63	Rt	Ethyl Benzene	10.000	10.535	-5.4	94	0.00
64	RT	m/p-Xylenes	20.000	20.678	-3.4	93	0.00
65	RT	o-Xylene	10.000	10.155	-1.5	93	0.00
66	RT	Styrene	10.000	10.443	-4.4	93	0.00
67	t	Bromoform	10.000	10.955	-9.6	95	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.013	-1.3	93	0.00
69	T	Isopropylbenzene	10.000	10.293	-2.9	93	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.432	-4.3	92	0.00
71	T	1,2,3-Trichloropropane	10.000	10.690	-6.9	95	0.00
72	t	Bromobenzene	10.000	10.616	-6.2	96	0.00
73	t	n-propylbenzene	10.000	10.537	-5.4	94	0.00
74	t	2-Chlorotoluene	10.000	10.283	-2.8	93	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.581	-5.8	96	0.00
76	t	4-Chlorotoluene	10.000	10.729	-7.3	96	0.00
77	t	tert-Butylbenzene	10.000	10.362	-3.6	93	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.630	-6.3	97	0.00
79	t	sec-Butylbenzene	10.000	9.716	2.8	89	0.00
80		Nitrobenzene	50.000	14.056	71.9#	22	0.00
81	t	p-Isopropyltoluene	10.000	10.730	-7.3	97	0.00
82	t	1,3-Dichlorobenzene	10.000	10.418	-4.2	95	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.412	-4.1	95	0.00
84	t	n-Butylbenzene	10.000	10.777	-7.8	97	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.314	-3.1	93	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.810	-8.1	94	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.181	-11.8	99	0.00
88	t	Hexachlorobutadiene	10.000	10.957	-9.6	98	0.00
89	t	Naphthalene	10.000	11.246	-12.5	99	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.224	-12.2	99	0.00

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