Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060221\
Data File : VU044031.D
Acq On : 02 Jun 2021 20:34
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU060221

Quant Time: Jun 03 11:22:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 03 11:17:14 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	96	0.00
2	T	Dichlorodifluoromethane	10.000	6.792	32.1#	64	0.00
3	t	Chloromethane	10.000	8.148	18.5	81	0.00
4	Rt	Vinyl Chloride	10.000	8.794	12.1	84	0.00
5	T	Bromomethane	10.000	8.820	11.8	92	0.00
6	T	Chloroethane	10.000	8.920	10.8	93	0.00
7	T	Trichlorofluoromethane	10.000	9.625	3.8	91	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.421	5.8	89	0.00
9	Rt	1,1-Dichloroethene	10.000	10.059	-0.6	96	0.00
10	t	Iodomethane	10.000	10.320	-3.2	91	0.00
11	t	Allyl Chloride	10.000	10.283	-2.8	99	0.00
12	t	Acrylonitrile	20.000	44.993	-125.0#	203	0.00
13	T	Acetone	50.000	43.976	12.0	80	0.00
14	T	Carbon Disulfide	10.000	9.353	6.5	90	0.00
15	RT	Methylene Chloride	10.000	10.273	-2.7	98	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.206	-2.1	99	0.00
17	t	1,1-Dichloroethane	10.000	10.360	-3.6	99	0.00
18	T	2-Butanone	50.000	41.035	17.9	75	0.00
19		Cyclohexane	10.000	8.816	11.8	83	0.00
20		Methylcyclohexane	10.000	10.357	-3.6	85	0.00
21	T	2,2-Dichloropropane	10.000	9.605	3.9	94	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.839	-8.4	102	0.00
23	t	Diethyl Ether	10.000	9.822	1.8	93	0.00
24	t	tert-Butyl Alcohol	100.000	53.267	46.7#	48	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.170	8.3	84	0.00
26	t	Bromochloromethane	10.000	9.223	7.8	86	0.00
27	t	Chloroform	10.000	10.351	-3.5	99	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.251	-2.5	98	0.00
29	T	1,1-Dichloropropene	10.000	10.313	-3.1	96	0.00
30	RT	Carbon Tetrachloride	10.000	10.693	-6.9	101	0.00
31	t	Isopropyl Ether	10.000	9.568	4.3	91	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.53#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.96#
34	t	Propionitrile	50.000	61.185	-22.4	130	0.00
35	RT	Benzene	10.000	10.700	-7.0	100	0.00
36	RT	1,2-Dichloroethane	10.000	10.689	-6.9	101	0.00
37	RT	Trichloroethene	10.000	10.670	-6.7	99	0.00
38	Rt	1,2-Dichloropropane	10.000	10.955	-9.6	101	0.00
39	t	Methacrylonitrile	10.000	9.263	7.4	85	0.00
40	t	Methyl acrylate	10.000	8.994	10.1	74	0.00
41	t	Tetrahydrofuran	20.000	38.410	-92.0#	157	0.00
42	t	1-Chlorobutane	10.000	9.182	8.2	87	0.00
43	T	Dibromomethane	10.000	10.947	-9.5	102	0.00
44	T	Bromodichloromethane	10.000	11.206	-12.1	104	0.00
45	T	4-Methyl-2-Pentanone	50.000	58.540	-17.1	102	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	12.851	35.7#	58	0.00
47	t	Methyl methacrylate	20.000	11.128	44.4#	46	0.00
48	t	Ethyl methacrylate	10.000	11.793	-17.9	98	0.00
49	Rt	Toluene	10.000	11.880	-18.8	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.514	-15.1	102	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.704	-17.0	103	0.00
52	RT	1,1,2-Trichloroethane	10.000	11.103	-11.0	103	0.00
53	t	1,3-Dichloropropane	10.000	11.012	-10.1	101	0.00
54	t	2-Hexanone	50.000	59.491	-19.0	101	0.00
55	t	Dibromochloromethane	10.000	11.189	-11.9	104	0.00
56	T	1,2-Dibromoethane	10.000	11.421	-14.2	105	0.00
57	S	4-Bromofluorobenzene	1.000	1.214	-21.4	106	0.00
58	RT	Tetrachloroethene	10.000	11.416	-14.2	103	0.00
59	Rt	Chlorobenzene	10.000	11.053	-10.5	98	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.793	-7.9	98	0.00
61	t	Pentachloroethane	10.000	11.091	-10.9	104	0.00
62	t	Hexachloroethane	10.000	10.120	-1.2	91	0.00
63	Rt	Ethyl Benzene	10.000	10.312	-3.1	101	0.00
64	RT	m/p-Xylenes	20.000	21.066	-5.3	101	0.00
65	RT	o-Xylene	10.000	10.398	-4.0	101	0.00
66	RT	Styrene	10.000	10.386	-3.9	100	0.00
67	t	Bromoform	10.000	11.216	-12.2	103	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.091	-9.1	103	0.00
69	T	Isopropylbenzene	10.000	10.768	-7.7	105	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.819	-8.2	101	0.00
71	T	1,2,3-Trichloropropane	10.000	9.724	2.8	86	0.00
72	t	Bromobenzene	10.000	11.817	-18.2	103	0.00
73	t	n-propylbenzene	10.000	10.482	-4.8	101	0.00
74	t	2-Chlorotoluene	10.000	12.212	-22.1	100	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.748	-7.5	104	0.00
76	t	4-Chlorotoluene	10.000	12.412	-24.1	102	0.00
77	t	tert-Butylbenzene	10.000	12.351	-23.5	100	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.579	-5.8	102	0.00
79	t	sec-Butylbenzene	10.000	10.029	-0.3	97	0.00
80		Nitrobenzene	50.000	11.616	76.8#	20	0.00
81	t	p-Isopropyltoluene	10.000	10.583	-5.8	103	0.00
82	t	1,3-Dichlorobenzene	10.000	11.504	-15.0	102	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.551	-15.5	102	0.00
84	t	n-Butylbenzene	10.000	10.467	-4.7	102	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.382	-13.8	101	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.989	-9.9	96	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	12.802	-28.0	111	0.00
88	t	Hexachlorobutadiene	10.000	11.565	-15.6	104	0.00
89	t	Naphthalene	10.000	10.399	-4.0	108	0.00
90	t	1,2,3-Trichlorobenzene	10.000	12.333	-23.3	103	0.00

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