Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083121\
Data File : VU044540.D
Acq On : 31 Aug 2021 20:42
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU083121

Quant Time: Sep 01 01:30:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 01 01:29:46 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	106	0.00
2	T	Dichlorodifluoromethane	10.000	5.880	41.2#	56	0.00
3	t	Chloromethane	10.000	7.815	21.8	79	0.00
4	Rt	Vinyl Chloride	10.000	8.269	17.3	80	0.00
5	T	Bromomethane	10.000	7.989	20.1	79	0.00
6	T	Chloroethane	10.000	8.410	15.9	83	0.00
7	T	Trichlorofluoromethane	10.000	9.031	9.7	86	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.115	8.8	88	0.00
9	Rt	1,1-Dichloroethene	10.000	9.895	1.1	95	0.00
10	t	Iodomethane	10.000	10.161	-1.6	93	0.00
11	t	Allyl Chloride	10.000	10.141	-1.4	99	0.00
12	t	Acrylonitrile	20.000	61.019	-205.1#	285	0.00
13	T	Acetone	50.000	58.443	-16.9	137	0.00
14	T	Carbon Disulfide	10.000	9.742	2.6	92	0.00
15	RT	Methylene Chloride	10.000	7.907	20.9	103	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.284	-2.8	98	0.00
17	t	1,1-Dichloroethane	10.000	10.395	-3.9	100	0.00
18	T	2-Butanone	50.000	59.937	-19.9	118	0.00
19		Cyclohexane	10.000	10.139	-1.4	96	0.00
20		Methylcyclohexane	10.000	10.361	-3.6	94	0.00
21	T	2,2-Dichloropropane	10.000	9.187	8.1	94	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.765	-7.7	103	0.00
23	t	Diethyl Ether	10.000	10.136	-1.4	96	0.00
24	t	tert-Butyl Alcohol	100.000	44.950	55.0#	42	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.780	-7.8	105	0.00
26	t	Bromochloromethane	10.000	10.149	-1.5	99	0.00
27	t	Chloroform	10.000	10.228	-2.3	101	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.364	-3.6	99	0.00
29	T	1,1-Dichloropropene	10.000	10.160	-1.6	99	0.00
30	RT	Carbon Tetrachloride	10.000	10.540	-5.4	99	0.00
31	t	Isopropyl Ether	10.000	10.780	-7.8	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	163.294	-226.6#	311	0.00
35	RT	Benzene	10.000	10.353	-3.5	99	0.00
36	RT	1,2-Dichloroethane	10.000	10.298	-3.0	99	0.00
37	RT	Trichloroethene	10.000	10.239	-2.4	98	0.00
38	Rt	1,2-Dichloropropane	10.000	10.445	-4.5	97	0.00
39	t	Methacrylonitrile	10.000	11.426	-14.3	112	0.00
40	t	Methyl acrylate	10.000	12.860	-28.6	130	0.00
41	t	Tetrahydrofuran	20.000	59.512	-197.6#	349	0.00
42	t	1-Chlorobutane	10.000	10.333	-3.3	100	0.00
43	T	Dibromomethane	10.000	10.703	-7.0	102	0.00
44	T	Bromodichloromethane	10.000	10.703	-7.0	98	0.00
45	T	4-Methyl-2-Pentanone	50.000	52.176	-4.4	95	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	15.628	21.9	68	0.00
47	t	Methyl methacrylate	20.000	10.230	48.9#	48	0.00
48	t	Ethyl methacrylate	10.000	10.652	-6.5	94	0.00
49	Rt	Toluene	10.000	10.740	-7.4	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.179	-11.8	97	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.202	-12.0	98	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.562	-5.6	97	0.00
53	t	1,3-Dichloropropane	10.000	10.223	-2.2	96	0.00
54	t	2-Hexanone	50.000	51.477	-3.0	92	0.00
55	t	Dibromochloromethane	10.000	10.629	-6.3	96	0.00
56	T	1,2-Dibromoethane	10.000	10.541	-5.4	96	0.00
57	S	4-Bromofluorobenzene	1.000	1.074	-7.4	102	0.00
58	RT	Tetrachloroethene	10.000	10.316	-3.2	98	0.00
59	Rt	Chlorobenzene	10.000	10.338	-3.4	95	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.452	-4.5	96	0.00
61	t	Pentachloroethane	10.000	11.143	-11.4	98	0.00
62	t	Hexachloroethane	10.000	11.339	-13.4	97	0.00
63	Rt	Ethyl Benzene	10.000	11.173	-11.7	98	0.00
64	RT	m/p-Xylenes	20.000	22.963	-14.8	99	0.00
65	RT	o-Xylene	10.000	11.313	-13.1	98	0.00
66	RT	Styrene	10.000	11.572	-15.7	97	0.00
67	t	Bromoform	10.000	11.068	-10.7	98	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.055	-5.5	104	0.00
69	T	Isopropylbenzene	10.000	11.401	-14.0	99	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.237	-2.4	96	0.00
71	T	1,2,3-Trichloropropane	10.000	10.342	-3.4	101	0.00
72	t	Bromobenzene	10.000	10.875	-8.8	98	0.00
73	t	n-propylbenzene	10.000	11.512	-15.1	98	0.00
74	t	2-Chlorotoluene	10.000	11.331	-13.3	100	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.827	-18.3	99	0.00
76	t	4-Chlorotoluene	10.000	11.613	-16.1	100	0.00
77	t	tert-Butylbenzene	10.000	11.392	-13.9	98	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.570	-15.7	97	0.00
79	t	sec-Butylbenzene	10.000	11.465	-14.6	98	0.00
80		Nitrobenzene	50.000	11.754	76.5#	18	0.00
81	t	p-Isopropyltoluene	10.000	11.741	-17.4	97	0.00
82	t	1,3-Dichlorobenzene	10.000	11.262	-12.6	100	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.437	-14.4	101	0.00
84	t	n-Butylbenzene	10.000	11.783	-17.8	96	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.051	-10.5	99	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.423	-14.2	92	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.783	-17.8	100	0.00
88	t	Hexachlorobutadiene	10.000	10.865	-8.7	99	0.00
89	t	Naphthalene	10.000	11.523	-15.2	99	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.493	-14.9	100	0.00

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