Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
Data File : VU046646.D
Acq On : 30 Dec 2021 13:07
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU123021

Quant Time: Dec 31 07:23:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Dec 30 12:44:59 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	89	0.00
2	T	Dichlorodifluoromethane	10.000	6.177	38.2#	61	0.00
3	t	Chloromethane	10.000	7.579	24.2	75	0.00
4	Rt	Vinyl Chloride	10.000	7.925	20.8	76	0.00
5	T	Bromomethane	10.000	8.500	15.0	81	0.00
6	T	Chloroethane	10.000	8.469	15.3	84	0.00
7	T	Trichlorofluoromethane	10.000	8.810	11.9	87	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.301	7.0	93	0.00
9	Rt	1,1-Dichloroethene	10.000	9.261	7.4	90	0.00
10	t	Iodomethane	10.000	9.763	2.4	93	0.00
11	t	Allyl Chloride	10.000	10.376	-3.8	98	0.00
12	t	Acrylonitrile	20.000	56.207	-181.0#	260	0.00
13	T	Acetone	50.000	57.094	-14.2	121	0.00
14	T	Carbon Disulfide	10.000	7.409	25.9	73	0.00
15	RT	Methylene Chloride	10.000	10.678	-6.8	101	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.820	1.8	92	0.00
17	t	1,1-Dichloroethane	10.000	10.605	-6.1	103	0.00
18	T	2-Butanone	50.000	51.276	-2.6	99	0.00
19		Cyclohexane	10.000	9.703	3.0	87	0.00
20		Methylcyclohexane	10.000	10.280	-2.8	89	0.00
21	T	2,2-Dichloropropane	10.000	10.088	-0.9	96	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.863	-8.6	100	0.00
23	t	Diethyl Ether	10.000	10.055	-0.5	99	0.00
24	t	tert-Butyl Alcohol	100.000	64.758	35.2#	62	0.00
25	t	Methyl tert-Butyl Ether	10.000	12.059	-20.6	108	0.00
26	t	Bromochloromethane	10.000	8.633	13.7	84	0.00
27	t	Chloroform	10.000	10.298	-3.0	103	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.117	-1.2	98	0.00
29	T	1,1-Dichloropropene	10.000	10.090	-0.9	91	0.00
30	RT	Carbon Tetrachloride	10.000	9.920	0.8	96	0.00
31	t	Isopropyl Ether	10.000	13.235	-32.3#	116	0.00
32		Ethyl-t-butyl ether	10.000	2.643	73.6#	23	-0.51#
33		Tert-Amyl methyl ether	10.000	0.960	90.4#	8	-0.41
34	t	Propionitrile	50.000	117.732	-135.5#	234	-0.01
35	RT	Benzene	10.000	10.394	-3.9	96	0.00
36	RT	1,2-Dichloroethane	10.000	10.552	-5.5	99	0.00
37	RT	Trichloroethene	10.000	9.996	0.0	95	0.00
38	Rt	1,2-Dichloropropane	10.000	10.901	-9.0	101	0.00
39	t	Methacrylonitrile	10.000	11.980	-19.8	106	0.00
40	t	Methyl acrylate	10.000	15.159	-51.6#	120	0.00
41	t	Tetrahydrofuran	20.000	63.678	-218.4#	263	0.00
42	t	1-Chlorobutane	10.000	10.213	-2.1	91	0.00
43	T	Dibromomethane	10.000	10.984	-9.8	103	0.00
44	T	Bromodichloromethane	10.000	10.982	-9.8	106	0.00
45	T	4-Methyl-2-Pentanone	50.000	61.941	-23.9	106	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	15.735	21.3	65	0.00
47	t	Methyl methacrylate	20.000	11.409	43.0#	47	0.00
48	t	Ethyl methacrylate	10.000	12.733	-27.3	104	0.00
49	Rt	Toluene	10.000	11.085	-10.9	94	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.821	-18.2	105	0.00
51	T	cis-1,3-Dichloropropene	10.000	12.304	-23.0	109	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.912	-9.1	104	0.00
53	t	1,3-Dichloropropane	10.000	11.107	-11.1	103	0.00
54	t	2-Hexanone	50.000	61.300	-22.6	101	0.00
55	t	Dibromochloromethane	10.000	10.985	-9.8	104	0.00
56	T	1,2-Dibromoethane	10.000	10.898	-9.0	102	0.00
57	S	4-Bromofluorobenzene	1.000	1.443	-44.3#	129	0.00
58	RT	Tetrachloroethene	10.000	10.345	-3.5	98	0.00
59	Rt	Chlorobenzene	10.000	10.702	-7.0	96	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.663	-6.6	103	0.00
61	t	Pentachloroethane	10.000	10.638	-6.4	106	0.00
62	t	Hexachloroethane	10.000	10.772	-7.7	102	0.00
63	Rt	Ethyl Benzene	10.000	11.974	-19.7	97	0.00
64	RT	m/p-Xylenes	20.000	24.176	-20.9	98	0.00
65	RT	o-Xylene	10.000	12.094	-20.9	99	0.00
66	RT	Styrene	10.000	12.656	-26.6	100	0.00
67	t	Bromoform	10.000	11.589	-15.9	111	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.019	-1.9	90	0.00
69	T	Isopropylbenzene	10.000	12.450	-24.5	103	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	11.041	-10.4	105	0.00
71	T	1,2,3-Trichloropropane	10.000	8.936	10.6	84	0.00
72	t	Bromobenzene	10.000	11.229	-12.3	101	0.00
73	t	n-propylbenzene	10.000	12.190	-21.9	101	0.00
74	t	2-Chlorotoluene	10.000	12.024	-20.2	102	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.704	-7.0	103	0.00
76	t	4-Chlorotoluene	10.000	11.915	-19.1	100	0.00
77	t	tert-Butylbenzene	10.000	12.239	-22.4	101	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.413	-4.1	100	0.00
79	t	sec-Butylbenzene	10.000	12.514	-25.1	102	0.00
80		Nitrobenzene	50.000	15.052	69.9#	20	0.00
81	t	p-Isopropyltoluene	10.000	10.361	-3.6	101	0.00
82	t	1,3-Dichlorobenzene	10.000	11.297	-13.0	103	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.515	-15.2	103	0.00
84	t	n-Butylbenzene	10.000	12.525	-25.3	101	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.561	-15.6	105	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.824	-18.2	104	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	13.397	-34.0#	113	0.00
88	t	Hexachlorobutadiene	10.000	11.439	-14.4	109	0.00
89	t	Naphthalene	10.000	11.656	-16.6	112	0.00
90	t	1,2,3-Trichlorobenzene	10.000	13.034	-30.3#	106	0.00

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