Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031822\
Data File : VU047614.D
Acq On : 18 Mar 2022 13:49
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU031822

Quant Time: Mar 19 05:11:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 18 13:19:37 2022
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	102	0.00
2	T	Dichlorodifluoromethane	10.000	4.666	53.3#	49	0.00
3	t	Chloromethane	10.000	5.744	42.6#	61	0.00
4	Rt	Vinyl Chloride	10.000	6.132	38.7#	65	0.00
5	T	Bromomethane	10.000	6.662	33.4#	71	0.00
6	T	Chloroethane	10.000	7.341	26.6	77	0.00
7	T	Trichlorofluoromethane	10.000	7.830	21.7	83	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	8.740	12.6	92	0.00
9	Rt	1,1-Dichloroethene	10.000	7.958	20.4	84	0.00
10	t	Iodomethane	10.000	9.193	8.1	100	0.00
11	t	Allyl Chloride	10.000	8.621	13.8	92	0.00
12	t	Acrylonitrile	20.000	52.766	-163.8#	264	0.00
13	T	Acetone	50.000	61.461	-22.9	136	0.00
14	T	Carbon Disulfide	10.000	5.478	45.2#	58	0.00
15	RT	Methylene Chloride	10.000	9.635	3.7	101	0.00
16	RT	trans-1,2-Dichloroethene	10.000	8.294	17.1	86	0.00
17	t	1,1-Dichloroethane	10.000	9.588	4.1	100	0.00
18	T	2-Butanone	50.000	54.454	-8.9	107	0.00
19		Cyclohexane	10.000	8.803	12.0	85	0.00
20		Methylcyclohexane	10.000	9.034	9.7	87	0.00
21	T	2,2-Dichloropropane	10.000	9.779	2.2	102	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.617	3.8	99	0.00
23	t	Diethyl Ether	10.000	8.564	14.4	90	0.00
24	t	tert-Butyl Alcohol	100.000	65.114	34.9#	75	-0.02
25	t	Methyl tert-Butyl Ether	10.000	10.298	-3.0	106	0.00
26	t	Bromochloromethane	10.000	9.219	7.8	99	0.00
27	t	Chloroform	10.000	9.898	1.0	104	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.613	3.9	100	0.00
29	T	1,1-Dichloropropene	10.000	8.999	10.0	89	0.00
30	RT	Carbon Tetrachloride	10.000	9.569	4.3	97	0.00
31	t	Isopropyl Ether	10.000	11.284	-12.8	113	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.51#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.95#
34	t	Propionitrile	50.000	118.959	-137.9#	255	0.00
35	RT	Benzene	10.000	9.366	6.3	96	0.00
36	RT	1,2-Dichloroethane	10.000	9.721	2.8	100	0.00
37	RT	Trichloroethene	10.000	9.309	6.9	95	0.00
38	Rt	1,2-Dichloropropane	10.000	9.973	0.3	102	0.00
39	t	Methacrylonitrile	10.000	10.694	-6.9	107	0.00
40	t	Methyl acrylate	10.000	10.849	-8.5	103	0.00
41	t	Tetrahydrofuran	20.000	51.642	-158.2#	260	0.00
42	t	1-Chlorobutane	10.000	9.351	6.5	94	0.00
43	T	Dibromomethane	10.000	9.750	2.5	102	0.00
44	T	Bromodichloromethane	10.000	10.531	-5.3	111	0.00
45	T	4-Methyl-2-Pentanone	50.000	55.305	-10.6	108	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	21.105	-5.5	104	-0.01
47	t	Methyl methacrylate	20.000	10.734	46.3#	50	0.00
48	t	Ethyl methacrylate	10.000	11.335	-13.4	107	0.00
49	Rt	Toluene	10.000	9.988	0.1	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.708	-7.1	108	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.717	-7.2	107	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.610	-6.1	110	0.00
53	t	1,3-Dichloropropane	10.000	10.374	-3.7	108	0.00
54	t	2-Hexanone	50.000	56.659	-13.3	112	0.00
55	t	Dibromochloromethane	10.000	10.542	-5.4	109	0.00
56	T	1,2-Dibromoethane	10.000	10.084	-0.8	105	0.00
57	S	4-Bromofluorobenzene	1.000	1.185	-18.5	124	0.00
58	RT	Tetrachloroethene	10.000	9.256	7.4	95	0.00
59	Rt	Chlorobenzene	10.000	9.930	0.7	99	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.206	-2.1	105	0.00
61	t	Pentachloroethane	10.000	10.997	-10.0	115	0.00
62	t	Hexachloroethane	10.000	10.791	-7.9	111	0.00
63	Rt	Ethyl Benzene	10.000	10.720	-7.2	101	0.00
64	RT	m/p-Xylenes	20.000	21.858	-9.3	102	0.00
65	RT	o-Xylene	10.000	11.265	-12.7	105	0.00
66	RT	Styrene	10.000	11.502	-15.0	106	0.00
67	t	Bromoform	10.000	11.334	-13.3	116	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.025	-2.5	102	0.00
69	T	Isopropylbenzene	10.000	11.464	-14.6	107	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.767	-7.7	112	0.00
71	T	1,2,3-Trichloropropane	10.000	9.748	2.5	98	0.00
72	t	Bromobenzene	10.000	10.738	-7.4	106	0.00
73	t	n-propylbenzene	10.000	11.500	-15.0	105	0.00
74	t	2-Chlorotoluene	10.000	11.292	-12.9	108	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.212	-2.1	109	0.00
76	t	4-Chlorotoluene	10.000	11.251	-12.5	105	0.00
77	t	tert-Butylbenzene	10.000	11.753	-17.5	110	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.992	0.1	107	0.00
79	t	sec-Butylbenzene	10.000	11.744	-17.4	108	0.00
80		Nitrobenzene	50.000	11.719	76.6#	23	0.00
81	t	p-Isopropyltoluene	10.000	10.133	-1.3	109	0.00
82	t	1,3-Dichlorobenzene	10.000	11.126	-11.3	112	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.211	-12.1	112	0.00
84	t	n-Butylbenzene	10.000	10.094	-0.9	110	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.344	-13.4	114	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.516	-5.2	107	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.930	-19.3	113	0.00
88	t	Hexachlorobutadiene	10.000	10.985	-9.8	110	0.00
89	t	Naphthalene	10.000	11.968	-19.7	111	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.579	-15.8	109	0.00

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