Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
Data File : VU050357.D
Acq On : 17 Aug 2022 14:23
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU081722

Quant Time: Aug 18 06:07:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 18 06:06:02 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	97	0.00
2	T	Dichlorodifluoromethane	10.000	9.835	1.6	101	0.00
3	t	Chloromethane	10.000	10.117	-1.2	106	0.00
4	Rt	Vinyl Chloride	10.000	10.166	-1.7	102	0.00
5	T	Bromomethane	10.000	10.429	-4.3	107	0.00
6	T	Chloroethane	10.000	9.797	2.0	100	0.00
7	T	Trichlorofluoromethane	10.000	9.758	2.4	100	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.702	-7.0	110	0.00
9	Rt	1,1-Dichloroethene	10.000	11.168	-11.7	112	0.00
10	t	Iodomethane	10.000	12.450	-24.5	110	0.00
11	t	Allyl Chloride	10.000	11.741	-17.4	121	0.00
12	t	Acrylonitrile	20.000	52.629	-163.1#	264	0.00
13	T	Acetone	50.000	92.161	-84.3#	168	0.01
14	T	Carbon Disulfide	10.000	10.947	-9.5	113	0.00
15	RT	Methylene Chloride	10.000	7.174	28.3	116	0.00
16	RT	trans-1,2-Dichloroethene	10.000	11.166	-11.7	111	-0.02
17	t	1,1-Dichloroethane	10.000	11.600	-16.0	113	-0.03
18	T	2-Butanone	50.000	59.612	-19.2	113	0.00
19		Cyclohexane	10.000	12.373	-23.7	115	0.00
20		Methylcyclohexane	10.000	12.954	-29.5	117	-0.03
21	T	2,2-Dichloropropane	10.000	11.487	-14.9	108	0.00
22	RT	cis-1,2-Dichloroethene	10.000	12.288	-22.9	120	0.00
23	t	Diethyl Ether	10.000	10.464	-4.6	110	0.00
24	t	tert-Butyl Alcohol	100.000	46.075	53.9#	45	0.03
25	t	Methyl tert-Butyl Ether	10.000	11.366	-13.7	112	-0.01
26	t	Bromochloromethane	10.000	8.558	14.4	93	0.00
27	t	Chloroform	10.000	11.154	-11.5	115	0.00
28	RT	1,1,1-Trichloroethane	10.000	11.037	-10.4	110	0.00
29	T	1,1-Dichloropropene	10.000	12.117	-21.2	112	0.00
30	RT	Carbon Tetrachloride	10.000	11.199	-12.0	112	0.00
31	t	Isopropyl Ether	10.000	0.000	100.0#	0	-4.02#
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	109.884	-119.8#	205	0.00
35	RT	Benzene	10.000	12.197	-22.0	117	0.00
36	RT	1,2-Dichloroethane	10.000	11.307	-13.1	112	0.00
37	RT	Trichloroethene	10.000	11.489	-14.9	113	-0.03
38	Rt	1,2-Dichloropropane	10.000	11.774	-17.7	112	-0.03
39	t	Methacrylonitrile	10.000	11.496	-15.0	96	0.00
40	t	Methyl acrylate	10.000	12.170	-21.7	104	0.00
41	t	Tetrahydrofuran	20.000	57.914	-189.6#	258	0.00
42	t	1-Chlorobutane	10.000	11.991	-19.9	114	0.00
43	T	Dibromomethane	10.000	11.833	-18.3	118	-0.03
44	T	Bromodichloromethane	10.000	11.845	-18.5	115	-0.02
45	T	4-Methyl-2-Pentanone	50.000	60.702	-21.4	111	-0.02
46	t	t-1,4-Dichloro-2-butene	20.000	15.308	23.5	60	0.00
47	t	Methyl methacrylate	20.000	12.270	38.6#	52	-0.02
48	t	Ethyl methacrylate	10.000	11.434	-14.3	112	0.00
49	Rt	Toluene	10.000	13.001	-30.0#	115	-0.02

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Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	12.939	-29.4	117	-0.02
51	T	cis-1,3-Dichloropropene	10.000	13.253	-32.5#	121	-0.02
52	RT	1,1,2-Trichloroethane	10.000	11.020	-10.2	111	0.00
53	t	1,3-Dichloropropane	10.000	11.980	-19.8	113	0.00
54	t	2-Hexanone	50.000	66.317	-32.6#	117	0.00
55	t	Dibromochloromethane	10.000	11.183	-11.8	109	0.00
56	T	1,2-Dibromoethane	10.000	12.222	-22.2	116	0.00
57	S	4-Bromofluorobenzene	1.000	1.173	-17.3	108	0.00
58	RT	Tetrachloroethene	10.000	11.128	-11.3	111	-0.01
59	Rt	Chlorobenzene	10.000	12.054	-20.5	111	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	11.431	-14.3	112	0.00
61	t	Pentachloroethane	10.000	11.977	-19.8	115	0.00
62	t	Hexachloroethane	10.000	11.596	-16.0	113	0.00
63	Rt	Ethyl Benzene	10.000	11.510	-15.1	113	0.00
64	RT	m/p-Xylenes	20.000	23.563	-17.8	114	0.00
65	RT	o-Xylene	10.000	11.909	-19.1	116	0.00
66	RT	Styrene	10.000	11.808	-18.1	115	0.00
67	t	Bromoform	10.000	11.816	-18.2	112	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.005	-0.5	97	0.00
69	T	Isopropylbenzene	10.000	11.854	-18.5	117	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	11.067	-10.7	107	0.00
71	T	1,2,3-Trichloropropane	10.000	10.750	-7.5	108	0.00
72	t	Bromobenzene	10.000	12.757	-27.6	114	0.00
73	t	n-propylbenzene	10.000	11.266	-12.7	110	0.00
74	t	2-Chlorotoluene	10.000	11.729	-17.3	114	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.820	-18.2	116	0.00
76	t	4-Chlorotoluene	10.000	13.803	-38.0#	113	0.00
77	t	tert-Butylbenzene	10.000	11.256	-12.6	111	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.607	-16.1	110	0.00
79	t	sec-Butylbenzene	10.000	10.816	-8.2	107	0.00
80		Nitrobenzene	50.000	9.090	81.8#	18	0.00
81	t	p-Isopropyltoluene	10.000	8.106	18.9	109	0.00
82	t	1,3-Dichlorobenzene	10.000	12.135	-21.3	109	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.880	-18.8	110	0.00
84	t	n-Butylbenzene	10.000	10.240	-2.4	102	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.903	-19.0	109	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.747	-7.5	103	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.230	-12.3	112	0.00
88	t	Hexachlorobutadiene	10.000	10.604	-6.0	107	0.00
89	t	Naphthalene	10.000	11.002	-10.0	112	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.720	-7.2	105	0.00

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