Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101823\
Data File : VU055798.D
Acq On : 18 Oct 2023 13:34
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823

Quant Time: Oct 19 03:41:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 19 03:10:04 2023
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	100	0.00
2	T	Dichlorodifluoromethane	10.000	5.838	41.6#	53	0.00
3	t	Chloromethane	10.000	7.655	23.4	71	0.00
4	Rt	Vinyl Chloride	10.000	7.860	21.4	73	0.00
5	T	Bromomethane	10.000	7.748	22.5	70	0.00
6	T	Chloroethane	10.000	6.562	34.4#	59	0.00
7	T	Trichlorofluoromethane	10.000	6.076	39.2#	56	-0.02
8		1,1,2-Trichloro-1,2,2-trifl	10.000	8.185	18.1	75	-0.02
9	Rt	1,1-Dichloroethene	10.000	8.698	13.0	79	-0.02
10	t	Iodomethane	10.000	8.237	17.6	71	0.00
11	t	Allyl Chloride	10.000	9.951	0.5	89	0.00
12	t	Acrylonitrile	20.000	50.373	-151.9#	220	0.00
13	T	Acetone	50.000	25.295	49.4#	47	0.01
14	T	Carbon Disulfide	10.000	7.873	21.3	71	-0.02
15	RT	Methylene Chloride	10.000	8.894	11.1	85	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.214	7.9	82	0.00
17	t	1,1-Dichloroethane	10.000	9.361	6.4	85	0.00
18	T	2-Butanone	50.000	41.447	17.1	72	0.02
19		Cyclohexane	10.000	9.035	9.6	76	0.00
20		Methylcyclohexane	10.000	9.735	2.7	79	0.00
21	T	2,2-Dichloropropane	10.000	9.490	5.1	86	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.904	1.0	86	0.00
23	t	Diethyl Ether	10.000	8.329	16.7	76	0.00
24	t	tert-Butyl Alcohol	100.000	50.623	49.4#	47	0.12
25	t	Methyl tert-Butyl Ether	10.000	10.109	-1.1	88	0.00
26	t	Bromochloromethane	10.000	8.899	11.0	81	0.00
27	t	Chloroform	10.000	9.336	6.6	86	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.110	8.9	82	0.00
29	T	1,1-Dichloropropene	10.000	9.604	4.0	84	0.00
30	RT	Carbon Tetrachloride	10.000	9.022	9.8	81	0.00
31	t	Isopropyl Ether	10.000	10.563	-5.6	90	0.00
32		Ethyl-t-butyl ether	10.000	0.131	98.7#	1	0.16
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.94#
34	t	Propionitrile	50.000	94.044	-88.1#	163	0.01
35	RT	Benzene	10.000	9.532	4.7	85	0.00
36	RT	1,2-Dichloroethane	10.000	9.270	7.3	85	0.00
37	RT	Trichloroethene	10.000	9.137	8.6	83	0.00
38	Rt	1,2-Dichloropropane	10.000	9.502	5.0	86	0.00
39	t	Methacrylonitrile	10.000	9.789	2.1	83	0.01
40	t	Methyl acrylate	10.000	9.559	4.4	91	0.00
41	t	Tetrahydrofuran	20.000	48.704	-143.5#	227	0.00
42	t	1-Chlorobutane	10.000	9.883	1.2	86	0.00
43	T	Dibromomethane	10.000	10.014	-0.1	93	0.00
44	T	Bromodichloromethane	10.000	9.922	0.8	90	0.00
45	T	4-Methyl-2-Pentanone	50.000	48.736	2.5	84	0.03
46	t	t-1,4-Dichloro-2-butene	20.000	19.596	2.0	95	0.00
47	t	Methyl methacrylate	20.000	10.621	46.9#	44	0.00
48	t	Ethyl methacrylate	10.000	9.388	6.1	94	0.00
49	Rt	Toluene	10.000	10.392	-3.9	89	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.714	-7.1	94	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.477	-4.8	91	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.898	1.0	94	0.00
53	t	1,3-Dichloropropane	10.000	9.960	0.4	92	0.00
54	t	2-Hexanone	50.000	32.385	35.2#	55	0.03
55	t	Dibromochloromethane	10.000	9.774	2.3	90	0.00
56	T	1,2-Dibromoethane	10.000	10.225	-2.2	93	0.00
57	S	4-Bromofluorobenzene	1.000	1.055	-5.5	106	0.00
58	RT	Tetrachloroethene	10.000	8.652	13.5	83	0.00
59	Rt	Chlorobenzene	10.000	9.893	1.1	89	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.076	-0.8	92	0.00
61	t	Pentachloroethane	10.000	10.969	-9.7	98	0.00
62	t	Hexachloroethane	10.000	9.369	6.3	88	0.00
63	Rt	Ethyl Benzene	10.000	10.950	-9.5	92	0.00
64	RT	m/p-Xylenes	20.000	21.990	-9.9	92	0.00
65	RT	o-Xylene	10.000	10.707	-7.1	92	0.00
66	RT	Styrene	10.000	11.358	-13.6	93	0.00
67	t	Bromoform	10.000	10.226	-2.3	92	0.01
68	S	1,2-Dichlorobenzene-d4	1.000	0.986	1.4	95	0.00
69	T	Isopropylbenzene	10.000	11.142	-11.4	93	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.679	3.2	89	0.01
71	T	1,2,3-Trichloropropane	10.000	8.771	12.3	81	0.00
72	t	Bromobenzene	10.000	10.284	-2.8	92	0.00
73	t	n-propylbenzene	10.000	9.219	7.8	88	0.00
74	t	2-Chlorotoluene	10.000	10.753	-7.5	93	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.431	5.7	91	0.00
76	t	4-Chlorotoluene	10.000	10.484	-4.8	89	0.00
77	t	tert-Butylbenzene	10.000	9.251	7.5	90	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.060	9.4	86	0.00
79	t	sec-Butylbenzene	10.000	9.075	9.3	87	0.00
80		Nitrobenzene	50.000	11.862	76.3#	18	0.00
81	t	p-Isopropyltoluene	10.000	8.912	10.9	84	0.00
82	t	1,3-Dichlorobenzene	10.000	9.970	0.3	87	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.089	-0.9	87	0.00
84	t	n-Butylbenzene	10.000	8.520	14.8	78	0.00
85	Rt	1,2-Dichlorobenzene	10.000	9.687	3.1	84	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.356	-3.6	82	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	8.994	10.1	83	0.00
88	t	Hexachlorobutadiene	10.000	9.874	1.3	80	0.00
89	t	Naphthalene	10.000	9.003	10.0	87	0.00
90	t	1,2,3-Trichlorobenzene	10.000	9.035	9.6	85	0.00

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