Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
Data File : VU054875.D
Acq On : 26 Jul 2023 13:21
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

Quant Time: Jul 28 03:09:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 26 09:45:35 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	7.460	25.4	76	0.00
3	t	Chloromethane	10.000	9.490	5.1	99	0.00
4	Rt	Vinyl Chloride	10.000	9.213	7.9	94	0.00
5	T	Bromomethane	10.000	9.342	6.6	94	0.00
6	T	Chloroethane	10.000	8.551	14.5	82	0.00
7	T	Trichlorofluoromethane	10.000	9.164	8.4	96	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	8.761	12.4	92	0.00
9	Rt	1,1-Dichloroethene	10.000	9.771	2.3	98	0.00
10	t	Iodomethane	10.000	10.065	-0.6	98	0.00
11	t	Allyl Chloride	10.000	10.275	-2.8	107	0.00
12	t	Acrylonitrile	20.000	46.713	-133.6#	234	0.00
13	T	Acetone	50.000	40.126	19.7	83	0.00
14	T	Carbon Disulfide	10.000	11.054	-10.5	119	0.00
15	RT	Methylene Chloride	10.000	10.718	-7.2	112	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.751	2.5	100	0.00
17	t	1,1-Dichloroethane	10.000	9.362	6.4	97	0.00
18	T	2-Butanone	50.000	42.669	14.7	80	0.00
19		Cyclohexane	10.000	10.882	-8.8	110	0.00
20		Methylcyclohexane	10.000	10.146	-1.5	101	0.00
21	T	2,2-Dichloropropane	10.000	9.233	7.7	99	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.347	-3.5	104	0.00
23	t	Diethyl Ether	10.000	9.041	9.6	94	0.00
24	t	tert-Butyl Alcohol	100.000	51.595	48.4#	63	-0.06
25	t	Methyl tert-Butyl Ether	10.000	9.823	1.8	99	0.00
26	t	Bromochloromethane	10.000	9.097	9.0	92	0.00
27	t	Chloroform	10.000	9.781	2.2	98	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.315	6.9	95	0.00
29	T	1,1-Dichloropropene	10.000	9.704	3.0	99	0.00
30	RT	Carbon Tetrachloride	10.000	9.640	3.6	100	0.00
31	t	Isopropyl Ether	10.000	9.719	2.8	98	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.50#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.94#
34	t	Propionitrile	50.000	112.648	-125.3#	197	0.00
35	RT	Benzene	10.000	9.971	0.3	100	0.00
36	RT	1,2-Dichloroethane	10.000	9.811	1.9	100	0.00
37	RT	Trichloroethene	10.000	9.543	4.6	97	0.00
38	Rt	1,2-Dichloropropane	10.000	9.703	3.0	95	0.00
39	t	Methacrylonitrile	10.000	9.506	4.9	91	0.00
40	t	Methyl acrylate	10.000	10.462	-4.6	95	0.00
41	t	Tetrahydrofuran	20.000	44.242	-121.2#	239	0.00
42	t	1-Chlorobutane	10.000	9.787	2.1	104	0.00
43	T	Dibromomethane	10.000	10.575	-5.7	103	0.00
44	T	Bromodichloromethane	10.000	9.945	0.5	97	0.00
45	T	4-Methyl-2-Pentanone	50.000	49.212	1.6	97	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	19.995	0.0	85	0.00
47	t	Methyl methacrylate	20.000	10.670	46.7#	50	0.00
48	t	Ethyl methacrylate	10.000	10.090	-0.9	95	0.00
49	Rt	Toluene	10.000	9.837	1.6	99	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.123	-1.2	99	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.105	-1.1	99	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.286	7.1	95	0.00
53	t	1,3-Dichloropropane	10.000	9.919	0.8	99	0.00
54	t	2-Hexanone	50.000	48.330	3.3	91	0.00
55	t	Dibromochloromethane	10.000	9.877	1.2	96	0.00
56	T	1,2-Dibromoethane	10.000	10.420	-4.2	100	0.00
57	S	4-Bromofluorobenzene	1.000	1.394	-39.4#	132	0.00
58	RT	Tetrachloroethene	10.000	10.121	-1.2	104	0.00
59	Rt	Chlorobenzene	10.000	9.121	8.8	93	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.654	3.5	96	0.00
61	t	Pentachloroethane	10.000	10.016	-0.2	95	0.00
62	t	Hexachloroethane	10.000	10.109	-1.1	94	0.00
63	Rt	Ethyl Benzene	10.000	9.964	0.4	98	0.00
64	RT	m/p-Xylenes	20.000	20.199	-1.0	100	0.00
65	RT	o-Xylene	10.000	9.819	1.8	97	0.00
66	RT	Styrene	10.000	10.298	-3.0	98	0.00
67	t	Bromoform	10.000	10.445	-4.5	93	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.152	-15.2	117	0.00
69	T	Isopropylbenzene	10.000	9.827	1.7	97	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.738	2.6	93	0.00
71	T	1,2,3-Trichloropropane	10.000	10.633	-6.3	108	0.00
72	t	Bromobenzene	10.000	10.214	-2.1	98	0.00
73	t	n-propylbenzene	10.000	10.066	-0.7	97	0.00
74	t	2-Chlorotoluene	10.000	10.282	-2.8	100	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.284	-2.8	99	0.00
76	t	4-Chlorotoluene	10.000	10.251	-2.5	97	0.00
77	t	tert-Butylbenzene	10.000	10.033	-0.3	97	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.771	2.3	93	0.00
79	t	sec-Butylbenzene	10.000	10.200	-2.0	97	0.00
80		Nitrobenzene	50.000	9.115	81.8#	16	0.00
81	t	p-Isopropyltoluene	10.000	10.433	-4.3	96	0.00
82	t	1,3-Dichlorobenzene	10.000	9.805	2.0	97	0.00
83	Rt	1,4-Dichlorobenzene	10.000	9.616	3.8	95	0.00
84	t	n-Butylbenzene	10.000	10.271	-2.7	90	0.00
85	Rt	1,2-Dichlorobenzene	10.000	9.622	3.8	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.537	-5.4	95	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	9.499	5.0	92	0.00
88	t	Hexachlorobutadiene	10.000	10.125	-1.3	97	0.00
89	t	Naphthalene	10.000	9.438	5.6	91	0.00
90	t	1,2,3-Trichlorobenzene	10.000	9.374	6.3	93	0.00

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