Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072523\
Data File : VU054873.D
Acq On : 25 Jul 2023 19:30
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072523

Quant Time: Jul 27 14:44:50 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	96	0.00
2	T	Dichlorodifluoromethane	10.000	7.855	21.4	78	0.00
3	t	Chloromethane	10.000	10.178	-1.8	103	0.00
4	Rt	Vinyl Chloride	10.000	9.962	0.4	98	0.00
5	T	Bromomethane	10.000	10.475	-4.7	102	0.00
6	T	Chloroethane	10.000	10.506	-5.1	98	0.00
7	T	Trichlorofluoromethane	10.000	9.397	6.0	95	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.157	8.4	93	0.00
9	Rt	1,1-Dichloroethene	10.000	10.630	-6.3	104	0.00
10	t	Iodomethane	10.000	10.747	-7.5	102	0.00
11	t	Allyl Chloride	10.000	10.922	-9.2	110	0.00
12	t	Acrylonitrile	20.000	50.853	-154.3#	247	0.00
13	T	Acetone	50.000	33.419	33.2#	67	0.00
14	T	Carbon Disulfide	10.000	12.226	-22.3	127	0.00
15	RT	Methylene Chloride	10.000	10.002	-0.0	101	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.965	-9.6	109	0.00
17	t	1,1-Dichloroethane	10.000	10.057	-0.6	101	0.00
18	T	2-Butanone	50.000	45.119	9.8	82	0.00
19		Cyclohexane	10.000	10.228	-2.3	100	0.00
20		Methylcyclohexane	10.000	10.795	-7.9	104	0.00
21	T	2,2-Dichloropropane	10.000	8.948	10.5	93	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.828	-8.3	106	0.00
23	t	Diethyl Ether	10.000	9.658	3.4	97	0.00
24	t	tert-Butyl Alcohol	100.000	35.400	64.6#	42	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.586	-5.9	103	0.00
26	t	Bromochloromethane	10.000	6.997	30.0#	68	0.00
27	t	Chloroform	10.000	10.426	-4.3	101	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.021	-0.2	99	0.00
29	T	1,1-Dichloropropene	10.000	10.501	-5.0	104	0.00
30	RT	Carbon Tetrachloride	10.000	10.322	-3.2	103	0.00
31	t	Isopropyl Ether	10.000	10.621	-6.2	104	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	115.140	-130.3#	195	0.00
35	RT	Benzene	10.000	10.533	-5.3	103	0.00
36	RT	1,2-Dichloroethane	10.000	10.565	-5.6	104	0.00
37	RT	Trichloroethene	10.000	10.261	-2.6	100	0.00
38	Rt	1,2-Dichloropropane	10.000	10.024	-0.2	95	0.00
39	t	Methacrylonitrile	10.000	9.576	4.2	89	0.00
40	t	Methyl acrylate	10.000	11.340	-13.4	99	0.00
41	t	Tetrahydrofuran	20.000	47.516	-137.6#	248	0.00
42	t	1-Chlorobutane	10.000	10.337	-3.4	106	0.00
43	T	Dibromomethane	10.000	11.216	-12.2	105	0.00
44	T	Bromodichloromethane	10.000	10.517	-5.2	100	0.00
45	T	4-Methyl-2-Pentanone	50.000	51.258	-2.5	97	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	11.099	44.5#	46	0.00
47	t	Methyl methacrylate	20.000	10.715	46.4#	49	0.00
48	t	Ethyl methacrylate	10.000	11.214	-12.1	102	0.00
49	Rt	Toluene	10.000	10.835	-8.4	106	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.756	-7.6	101	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.551	-5.5	100	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.073	-0.7	100	0.00
53	t	1,3-Dichloropropane	10.000	10.769	-7.7	104	0.00
54	t	2-Hexanone	50.000	50.222	-0.4	91	0.00
55	t	Dibromochloromethane	10.000	10.394	-3.9	98	0.00
56	T	1,2-Dibromoethane	10.000	11.374	-13.7	106	0.00
57	S	4-Bromofluorobenzene	1.000	1.212	-21.2	111	0.00
58	RT	Tetrachloroethene	10.000	10.662	-6.6	106	0.00
59	Rt	Chlorobenzene	10.000	10.010	-0.1	98	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.805	-8.0	104	0.00
61	t	Pentachloroethane	10.000	11.093	-10.9	102	0.00
62	t	Hexachloroethane	10.000	10.673	-6.7	96	0.00
63	Rt	Ethyl Benzene	10.000	10.748	-7.5	102	0.00
64	RT	m/p-Xylenes	20.000	21.619	-8.1	103	0.00
65	RT	o-Xylene	10.000	10.449	-4.5	100	0.00
66	RT	Styrene	10.000	10.939	-9.4	101	0.00
67	t	Bromoform	10.000	11.154	-11.5	96	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.096	-9.6	108	0.00
69	T	Isopropylbenzene	10.000	10.566	-5.7	100	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.552	-5.5	98	0.00
71	T	1,2,3-Trichloropropane	10.000	9.720	2.8	96	0.00
72	t	Bromobenzene	10.000	10.806	-8.1	100	0.00
73	t	n-propylbenzene	10.000	10.891	-8.9	102	0.00
74	t	2-Chlorotoluene	10.000	10.840	-8.4	101	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.937	-9.4	102	0.00
76	t	4-Chlorotoluene	10.000	11.007	-10.1	100	0.00
77	t	tert-Butylbenzene	10.000	10.811	-8.1	102	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.389	-3.9	96	0.00
79	t	sec-Butylbenzene	10.000	10.787	-7.9	99	0.00
80		Nitrobenzene	50.000	10.649	78.7#	18	0.00
81	t	p-Isopropyltoluene	10.000	11.014	-10.1	98	0.00
82	t	1,3-Dichlorobenzene	10.000	10.302	-3.0	99	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.416	-4.2	100	0.00
84	t	n-Butylbenzene	10.000	11.095	-11.0	95	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.425	-4.3	102	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.239	-12.4	98	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.386	-3.9	97	0.00
88	t	Hexachlorobutadiene	10.000	10.400	-4.0	97	0.00
89	t	Naphthalene	10.000	10.255	-2.6	95	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.278	-2.8	99	0.00

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