Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071625\
Data File : VU063517.D
Acq On : 16 Jul 2025 14:19
Operator : MD/SY
Sample : VSTDICV010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

Quant Time: Jul 17 03:27:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 17 03:16:16 2025
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	88	0.00
2	T	Dichlorodifluoromethane	10.000	7.149	28.5	63	0.00
3	t	Chloromethane	10.000	9.652	3.5	87	0.00
4	Rt	Vinyl Chloride	10.000	9.533	4.7	83	0.00
5	T	Bromomethane	10.000	9.626	3.7	92	0.00
6	T	Chloroethane	10.000	10.243	-2.4	89	0.00
7	T	Trichlorofluoromethane	10.000	10.364	-3.6	90	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	11.439	-14.4	100	0.00
9	Rt	1,1-Dichloroethene	10.000	11.688	-16.9	101	0.00
10	t	Iodomethane	10.000	9.080	9.2	83	0.00
11	t	Allyl Chloride	10.000	12.385	-23.8	108	0.00
12	t	Acrylonitrile	20.000	53.704	-168.5#	243	0.00
13	T	Acetone	50.000	65.587	-31.2#	121	0.00
14	T	Carbon Disulfide	10.000	10.434	-4.3	90	0.00
15	RT	Methylene Chloride	10.000	11.133	-11.3	103	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.705	-7.1	93	0.00
17	t	1,1-Dichloroethane	10.000	11.390	-13.9	100	0.00
18	T	2-Butanone	50.000	59.104	-18.2	106	0.00
19		Cyclohexane	10.000	11.523	-15.2	102	0.00
20		Methylcyclohexane	10.000	10.246	-2.5	83	0.00
21	T	2,2-Dichloropropane	10.000	11.251	-12.5	102	0.00
22	RT	cis-1,2-Dichloroethene	10.000	11.753	-17.5	104	0.00
23	t	Diethyl Ether	10.000	10.895	-8.9	92	0.00
24	t	tert-Butyl Alcohol	100.000	54.858	45.1#	48	0.00
25	t	Methyl tert-Butyl Ether	10.000	11.931	-19.3	103	0.00
26	t	Bromochloromethane	10.000	10.701	-7.0	92	0.00
27	t	Chloroform	10.000	11.295	-13.0	102	0.00
28	RT	1,1,1-Trichloroethane	10.000	11.694	-16.9	102	0.00
29	T	1,1-Dichloropropene	10.000	10.604	-6.0	95	0.00
30	RT	Carbon Tetrachloride	10.000	11.881	-18.8	102	0.00
31	t	Isopropyl Ether	10.000	11.694	-16.9	103	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	110.315	-120.6#	208	0.00
35	RT	Benzene	10.000	9.485	5.2	82	0.00
36	RT	1,2-Dichloroethane	10.000	9.208	7.9	79	0.00
37	RT	Trichloroethene	10.000	9.864	1.4	81	0.00
38	Rt	1,2-Dichloropropane	10.000	10.152	-1.5	78	0.00
39	t	Methacrylonitrile	10.000	10.571	-5.7	99	0.00
40	t	Methyl acrylate	10.000	10.962	-9.6	92	0.00
41	t	Tetrahydrofuran	20.000	52.040	-160.2#	252	0.00
42	t	1-Chlorobutane	10.000	11.532	-15.3	101	0.00
43	T	Dibromomethane	10.000	11.149	-11.5	92	0.00
44	T	Bromodichloromethane	10.000	11.611	-16.1	101	0.00
45	T	4-Methyl-2-Pentanone	50.000	57.520	-15.0	98	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	10.924	45.4#	40	0.00
47	t	Methyl methacrylate	20.000	11.336	43.3#	47	0.00
48	t	Ethyl methacrylate	10.000	12.064	-20.6	97	0.00
49	Rt	Toluene	10.000	11.565	-15.6	98	0.00

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ClientSampleId :
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Quant Time: Jul 17 03:27:07 2025
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QLast Update : Thu Jul 17 03:16:16 2025
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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)
50	T	t-1,3-Dichloropropene	10.000	12.160	-21.6	95	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.406	-14.1	94	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.973	-9.7	92	0.00
53	t	1,3-Dichloropropane	10.000	10.849	-8.5	93	0.00
54	t	2-Hexanone	50.000	59.254	-18.5	99	0.00
55	t	Dibromochloromethane	10.000	12.417	-24.2	96	0.00
56	T	1,2-Dibromoethane	10.000	10.846	-8.5	92	0.00
57	S	4-Bromofluorobenzene	1.000	1.279	-27.9	116	0.00
58	RT	Tetrachloroethene	10.000	11.312	-13.1	96	0.00
59	Rt	Chlorobenzene	10.000	11.557	-15.6	98	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.964	-9.6	91	0.00
61	t	Pentachloroethane	10.000	12.325	-23.2	98	0.00
62	t	Hexachloroethane	10.000	12.375	-23.8	95	0.00
63	Rt	Ethyl Benzene	10.000	11.440	-14.4	98	0.00
64	RT	m/p-Xylenes	20.000	23.477	-17.4	99	0.00
65	RT	o-Xylene	10.000	11.980	-19.8	100	0.00
66	RT	Styrene	10.000	12.168	-21.7	99	0.00
67	t	Bromoform	10.000	12.093	-20.9	94	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.147	-14.7	99	0.00
69	T	Isopropylbenzene	10.000	13.006	-30.1#	107	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.762	-7.6	92	0.00
71	T	1,2,3-Trichloropropane	10.000	9.180	8.2	74	0.00
72	t	Bromobenzene	10.000	11.605	-16.1	98	0.00
73	t	n-propylbenzene	10.000	11.877	-18.8	97	0.00
74	t	2-Chlorotoluene	10.000	11.787	-17.9	99	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.999	-20.0	98	0.00
76	t	4-Chlorotoluene	10.000	11.950	-19.5	99	0.00
77	t	tert-Butylbenzene	10.000	11.976	-19.8	99	0.00
78	t	1,2,4-Trimethylbenzene	10.000	12.070	-20.7	99	0.00
79	t	sec-Butylbenzene	10.000	11.975	-19.7	99	0.00
80		Nitrobenzene	50.000	13.031	73.9#	17	0.01
81	t	p-Isopropyltoluene	10.000	12.280	-22.8	100	0.00
82	t	1,3-Dichlorobenzene	10.000	11.911	-19.1	99	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.662	-16.6	96	0.00
84	t	n-Butylbenzene	10.000	12.202	-22.0	97	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.990	-19.9	99	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.124	-1.2	89	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	12.623	-26.2	100	0.00
88	t	Hexachlorobutadiene	10.000	11.575	-15.7	95	0.00
89	t	Naphthalene	10.000	11.841	-18.4	96	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.788	-17.9	95	0.00

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