Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103125\
Data File : VU063661.D
Acq On : 31 Oct 2025 13:56
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU103125

Quant Time: Nov 03 00:56:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Nov 03 00:51:51 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	102	0.00
2	T	Dichlorodifluoromethane	10.000	5.418	45.8#	53	0.00
3	t	Chloromethane	10.000	7.206	27.9	74	0.00
4	Rt	Vinyl Chloride	10.000	7.878	21.2	76	0.00
5	T	Bromomethane	10.000	8.424	15.8	90	0.01
6	T	Chloroethane	10.000	8.602	14.0	85	0.00
7	T	Trichlorofluoromethane	10.000	8.573	14.3	83	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.500	5.0	93	0.00
9	Rt	1,1-Dichloroethene	10.000	9.550	4.5	93	0.00
10	t	Iodomethane	10.000	9.056	9.4	86	0.00
11	t	Allyl Chloride	10.000	10.081	-0.8	98	0.00
12	t	Acrylonitrile	20.000	45.048	-125.2#	207	0.00
13	T	Acetone	50.000	27.931	44.1#	57	0.00
14	T	Carbon Disulfide	10.000	8.601	14.0	85	0.00
15	RT	Methylene Chloride	10.000	8.535	14.6	93	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.131	8.7	88	0.00
17	t	1,1-Dichloroethane	10.000	9.393	6.1	92	0.00
18	T	2-Butanone	50.000	32.053	35.9#	63	0.00
19		Cyclohexane	10.000	9.305	7.0	89	0.00
20		Methylcyclohexane	10.000	8.873	11.3	86	0.00
21	T	2,2-Dichloropropane	10.000	9.582	4.2	94	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.071	-0.7	97	0.00
23	t	Diethyl Ether	10.000	8.677	13.2	82	0.00
24	t	tert-Butyl Alcohol	100.000	35.763	64.2#	38	-0.01
25	t	Methyl tert-Butyl Ether	10.000	9.298	7.0	89	0.00
26	t	Bromochloromethane	10.000	8.185	18.1	80	0.00
27	t	Chloroform	10.000	9.451	5.5	93	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.359	6.4	91	0.00
29	T	1,1-Dichloropropene	10.000	8.512	14.9	82	0.00
30	RT	Carbon Tetrachloride	10.000	9.406	5.9	89	0.00
31	t	Isopropyl Ether	10.000	9.675	3.2	94	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.48#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.92#
34	t	Propionitrile	50.000	91.221	-82.4#	166	0.00
35	RT	Benzene	10.000	8.995	10.1	88	0.00
36	RT	1,2-Dichloroethane	10.000	8.889	11.1	85	0.00
37	RT	Trichloroethene	10.000	8.341	16.6	86	0.00
38	Rt	1,2-Dichloropropane	10.000	8.489	15.1	83	0.00
39	t	Methacrylonitrile	10.000	8.115	18.8	85	0.00
40	t	Methyl acrylate	10.000	7.860	21.4	81	0.00
41	t	Tetrahydrofuran	20.000	43.883	-119.4#	199	0.00
42	t	1-Chlorobutane	10.000	9.815	1.9	91	0.00
43	T	Dibromomethane	10.000	8.805	12.0	83	0.00
44	T	Bromodichloromethane	10.000	9.600	4.0	91	0.00
45	T	4-Methyl-2-Pentanone	50.000	43.984	12.0	82	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	10.965	45.2#	51	0.00
47	t	Methyl methacrylate	20.000	8.918	55.4#	40	0.00
48	t	Ethyl methacrylate	10.000	9.315	6.9	84	0.00
49	Rt	Toluene	10.000	9.564	4.4	92	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	9.057	9.4	87	0.00
51	T	cis-1,3-Dichloropropene	10.000	8.831	11.7	84	0.00
52	RT	1,1,2-Trichloroethane	10.000	8.969	10.3	85	0.00
53	t	1,3-Dichloropropane	10.000	8.686	13.1	84	0.00
54	t	2-Hexanone	50.000	37.540	24.9	71	0.00
55	t	Dibromochloromethane	10.000	9.445	5.5	88	0.00
56	T	1,2-Dibromoethane	10.000	8.464	15.4	82	0.00
57	S	4-Bromofluorobenzene	1.000	1.037	-3.7	101	0.00
58	RT	Tetrachloroethene	10.000	9.504	5.0	89	0.00
59	Rt	Chlorobenzene	10.000	9.572	4.3	93	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	8.904	11.0	87	0.00
61	t	Pentachloroethane	10.000	9.772	2.3	96	0.00
62	t	Hexachloroethane	10.000	9.812	1.9	92	0.00
63	Rt	Ethyl Benzene	10.000	9.437	5.6	92	0.00
64	RT	m/p-Xylenes	20.000	19.159	4.2	92	0.00
65	RT	o-Xylene	10.000	9.614	3.9	92	0.00
66	RT	Styrene	10.000	9.857	1.4	93	0.00
67	t	Bromoform	10.000	9.158	8.4	86	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.962	3.8	89	0.00
69	T	Isopropylbenzene	10.000	10.532	-5.3	101	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	8.499	15.0	80	0.00
71	T	1,2,3-Trichloropropane	10.000	7.691	23.1	79	0.00
72	t	Bromobenzene	10.000	9.447	5.5	91	0.00
73	t	n-propylbenzene	10.000	9.723	2.8	92	0.00
74	t	2-Chlorotoluene	10.000	9.633	3.7	93	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.728	2.7	94	0.00
76	t	4-Chlorotoluene	10.000	9.807	1.9	94	0.00
77	t	tert-Butylbenzene	10.000	9.682	3.2	93	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.912	0.9	92	0.00
79	t	sec-Butylbenzene	10.000	9.816	1.8	93	0.00
80		Nitrobenzene	50.000	16.787	66.4#	34	0.00
81	t	p-Isopropyltoluene	10.000	9.932	0.7	94	0.00
82	t	1,3-Dichlorobenzene	10.000	9.973	0.3	94	0.00
83	Rt	1,4-Dichlorobenzene	10.000	9.759	2.4	93	0.00
84	t	n-Butylbenzene	10.000	10.507	-5.1	96	0.00
85	Rt	1,2-Dichlorobenzene	10.000	9.635	3.7	92	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	8.767	12.3	77	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.659	-6.6	96	0.00
88	t	Hexachlorobutadiene	10.000	9.736	2.6	91	0.00
89	t	Naphthalene	10.000	10.161	-1.6	93	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.146	-1.5	91	0.00

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