Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
Data File : VU063436.D
Acq On : 24 Jun 2025 13:49
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jun 25 06:25:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jun 25 03:53:43 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	105	0.00
2	T	Dichlorodifluoromethane	10.000	9.395	6.1	97	0.00
3	t	Chloromethane	10.000	7.651	23.5	83	0.00
4	Rt	Vinyl Chloride	10.000	7.684	23.2	79	0.00
5	T	Bromomethane	10.000	8.639	13.6	94	0.00
6	T	Chloroethane	10.000	7.049	29.5	73	0.00
7	T	Trichlorofluoromethane	10.000	8.452	15.5	87	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.705	2.9	100	0.00
9	Rt	1,1-Dichloroethene	10.000	9.670	3.3	99	0.00
10	t	Iodomethane	10.000	10.062	-0.6	91	0.00
11	t	Allyl Chloride	10.000	9.775	2.2	100	0.00
12	t	Acrylonitrile	20.000	19.060	4.7	100	0.00
13	T	Acetone	50.000	50.382	-0.8	116	0.00
14	T	Carbon Disulfide	10.000	9.496	5.0	99	0.00
15	RT	Methylene Chloride	10.000	9.263	7.4	99	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.702	3.0	101	0.00
17	t	1,1-Dichloroethane	10.000	9.799	2.0	101	0.00
18	T	2-Butanone	50.000	50.609	-1.2	106	0.00
19		Cyclohexane	10.000	10.020	-0.2	102	0.00
20		Methylcyclohexane	10.000	10.542	-5.4	96	0.00
21	T	2,2-Dichloropropane	10.000	10.147	-1.5	106	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.798	2.0	104	0.00
23	t	Diethyl Ether	10.000	8.188	18.1	83	0.00
24	t	tert-Butyl Alcohol	100.000	96.712	3.3	96	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.960	0.4	101	0.00
26	t	Bromochloromethane	10.000	9.557	4.4	99	0.00
27	t	Chloroform	10.000	9.619	3.8	101	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.965	0.4	100	0.00
29	T	1,1-Dichloropropene	10.000	10.096	-1.0	101	0.00
30	RT	Carbon Tetrachloride	10.000	10.179	-1.8	100	0.00
31	t	Isopropyl Ether	10.000	9.954	0.5	101	0.00
32		Ethyl-t-butyl ether	10.000	9.807	1.9	100	0.00
33		Tert-Amyl methyl ether	10.000	10.399	-4.0	100	0.00
34	t	Propionitrile	50.000	47.122	5.8	104	0.00
35	RT	Benzene	10.000	10.095	-1.0	100	0.00
36	RT	1,2-Dichloroethane	10.000	9.597	4.0	97	0.00
37	RT	Trichloroethene	10.000	9.948	0.5	100	0.00
38	Rt	1,2-Dichloropropane	10.000	10.456	-4.6	102	0.00
39	t	Methacrylonitrile	10.000	9.118	8.8	95	0.00
40	t	Methyl acrylate	10.000	9.931	0.7	92	0.00
41	t	Tetrahydrofuran	20.000	16.978	15.1	93	0.00
42	t	1-Chlorobutane	10.000	10.130	-1.3	102	0.00
43	T	Dibromomethane	10.000	9.964	0.4	101	0.00
44	T	Bromodichloromethane	10.000	9.825	1.8	100	0.00
45	T	4-Methyl-2-Pentanone	50.000	51.858	-3.7	96	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	15.331	23.3	83	0.00
47	t	Methyl methacrylate	20.000	18.620	6.9	98	0.00
48	t	Ethyl methacrylate	10.000	9.330	6.7	97	0.00
49	Rt	Toluene	10.000	11.048	-10.5	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.480	-14.8	104	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.015	-10.2	102	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.854	1.5	99	0.00
53	t	1,3-Dichloropropane	10.000	10.009	-0.1	99	0.00
54	t	2-Hexanone	50.000	47.525	5.0	100	0.00
55	t	Dibromochloromethane	10.000	10.246	-2.5	100	0.00
56	T	1,2-Dibromoethane	10.000	9.752	2.5	100	0.00
57	S	4-Bromofluorobenzene	1.000	1.044	-4.4	95	0.00
58	RT	Tetrachloroethene	10.000	9.787	2.1	96	0.00
59	Rt	Chlorobenzene	10.000	10.331	-3.3	99	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.829	1.7	99	0.00
61	t	Pentachloroethane	10.000	9.765	2.3	102	0.00
62	t	Hexachloroethane	10.000	10.193	-1.9	102	0.00
63	Rt	Ethyl Benzene	10.000	11.253	-12.5	100	0.00
64	RT	m/p-Xylenes	20.000	19.232	3.8	100	0.00
65	RT	o-Xylene	10.000	11.216	-12.2	101	0.00
66	RT	Styrene	10.000	9.687	3.1	101	0.00
67	t	Bromoform	10.000	10.028	-0.3	98	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.984	1.6	96	0.00
69	T	Isopropylbenzene	10.000	11.212	-12.1	99	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.827	1.7	100	0.00
71	T	1,2,3-Trichloropropane	10.000	10.161	-1.6	115	0.00
72	t	Bromobenzene	10.000	10.517	-5.2	100	0.00
73	t	n-propylbenzene	10.000	9.492	5.1	100	0.00
74	t	2-Chlorotoluene	10.000	11.084	-10.8	101	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.706	2.9	100	0.00
76	t	4-Chlorotoluene	10.000	11.500	-15.0	106	0.00
77	t	tert-Butylbenzene	10.000	11.157	-11.6	100	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.643	3.6	101	0.00
79	t	sec-Butylbenzene	10.000	11.322	-13.2	101	0.00
80		Nitrobenzene	50.000	40.704	18.6	89	0.00
81	t	p-Isopropyltoluene	10.000	9.660	3.4	101	0.00
82	t	1,3-Dichlorobenzene	10.000	10.258	-2.6	100	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.260	-2.6	100	0.00
84	t	n-Butylbenzene	10.000	11.135	-11.3	99	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.306	-3.1	99	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.785	2.1	92	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.153	-1.5	96	0.00
88	t	Hexachlorobutadiene	10.000	9.764	2.4	97	0.00
89	t	Naphthalene	10.000	8.326	16.7	89	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.291	-2.9	96	0.00

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