Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
Data File : VU063449.D
Acq On : 25 Jun 2025 08:50
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jun 26 01:24:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jun 24 05:06:50 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	101	0.00
2	T	Dichlorodifluoromethane	10.000	10.149	-1.5	100	0.00
3	t	Chloromethane	10.000	7.794	22.1	81	0.00
4	Rt	Vinyl Chloride	10.000	8.569	14.3	84	0.00
5	T	Bromomethane	10.000	11.225	-12.2	117	0.00
6	T	Chloroethane	10.000	9.754	2.5	96	0.00
7	T	Trichlorofluoromethane	10.000	10.466	-4.7	104	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.387	-3.9	103	0.00
9	Rt	1,1-Dichloroethene	10.000	10.508	-5.1	103	0.00
10	t	Iodomethane	10.000	14.536	-45.4#	125	0.00
11	t	Allyl Chloride	10.000	9.322	6.8	91	0.00
12	t	Acrylonitrile	20.000	18.570	7.1	94	0.00
13	T	Acetone	50.000	44.865	10.3	95	0.00
14	T	Carbon Disulfide	10.000	9.752	2.5	97	0.00
15	RT	Methylene Chloride	10.000	9.704	3.0	99	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.983	0.2	99	0.00
17	t	1,1-Dichloroethane	10.000	9.744	2.6	96	0.00
18	T	2-Butanone	50.000	44.314	11.4	89	0.00
19		Cyclohexane	10.000	10.453	-4.5	102	0.00
20		Methylcyclohexane	10.000	11.494	-14.9	101	0.00
21	T	2,2-Dichloropropane	10.000	10.143	-1.4	102	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.135	-1.3	103	0.00
23	t	Diethyl Ether	10.000	9.802	2.0	96	0.00
24	t	tert-Butyl Alcohol	100.000	89.669	10.3	85	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.846	1.5	96	0.00
26	t	Bromochloromethane	10.000	10.529	-5.3	104	0.00
27	t	Chloroform	10.000	9.904	1.0	99	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.230	-2.3	98	0.00
29	T	1,1-Dichloropropene	10.000	10.091	-0.9	97	0.00
30	RT	Carbon Tetrachloride	10.000	10.467	-4.7	99	0.00
31	t	Isopropyl Ether	10.000	9.188	8.1	89	0.00
32		Ethyl-t-butyl ether	10.000	9.631	3.7	94	0.00
33		Tert-Amyl methyl ether	10.000	11.035	-10.4	102	0.00
34	t	Propionitrile	50.000	42.896	14.2	90	0.00
35	RT	Benzene	10.000	10.736	-7.4	102	0.00
36	RT	1,2-Dichloroethane	10.000	10.095	-1.0	97	0.00
37	RT	Trichloroethene	10.000	10.439	-4.4	101	0.00
38	Rt	1,2-Dichloropropane	10.000	10.940	-9.4	102	0.00
39	t	Methacrylonitrile	10.000	8.409	15.9	84	0.00
40	t	Methyl acrylate	10.000	9.913	0.9	88	0.00
41	t	Tetrahydrofuran	20.000	15.486	22.6	81	0.00
42	t	1-Chlorobutane	10.000	9.940	0.6	96	0.00
43	T	Dibromomethane	10.000	10.469	-4.7	101	0.00
44	T	Bromodichloromethane	10.000	10.438	-4.4	102	0.00
45	T	4-Methyl-2-Pentanone	50.000	52.736	-5.5	93	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	17.262	13.7	89	0.00
47	t	Methyl methacrylate	20.000	19.869	0.7	100	0.00
48	t	Ethyl methacrylate	10.000	9.885	1.2	99	0.00
49	Rt	Toluene	10.000	11.613	-16.1	102	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	12.017	-20.2	104	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.507	-15.1	102	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.421	-4.2	101	0.00
53	t	1,3-Dichloropropane	10.000	10.615	-6.2	100	0.00
54	t	2-Hexanone	50.000	48.045	3.9	97	0.00
55	t	Dibromochloromethane	10.000	10.729	-7.3	100	0.00
56	T	1,2-Dibromoethane	10.000	10.351	-3.5	101	0.00
57	S	4-Bromofluorobenzene	1.000	1.200	-20.0	105	0.00
58	RT	Tetrachloroethene	10.000	10.346	-3.5	97	0.00
59	Rt	Chlorobenzene	10.000	10.936	-9.4	100	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.616	-6.2	102	0.00
61	t	Pentachloroethane	10.000	10.183	-1.8	102	0.00
62	t	Hexachloroethane	10.000	10.744	-7.4	103	0.00
63	Rt	Ethyl Benzene	10.000	12.034	-20.3	102	0.00
64	RT	m/p-Xylenes	20.000	20.263	-1.3	101	0.00
65	RT	o-Xylene	10.000	11.778	-17.8	101	0.00
66	RT	Styrene	10.000	10.335	-3.4	103	0.00
67	t	Bromoform	10.000	10.495	-4.9	98	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.946	5.4	88	0.00
69	T	Isopropylbenzene	10.000	11.926	-19.3	101	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.234	-2.3	100	0.00
71	T	1,2,3-Trichloropropane	10.000	9.824	1.8	106	0.00
72	t	Bromobenzene	10.000	10.857	-8.6	99	0.00
73	t	n-propylbenzene	10.000	9.992	0.1	101	0.00
74	t	2-Chlorotoluene	10.000	11.686	-16.9	101	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.191	-1.9	101	0.00
76	t	4-Chlorotoluene	10.000	11.722	-17.2	104	0.00
77	t	tert-Butylbenzene	10.000	11.665	-16.6	100	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.042	-0.4	101	0.00
79	t	sec-Butylbenzene	10.000	11.793	-17.9	101	0.00
80		Nitrobenzene	50.000	41.349	17.3	87	0.00
81	t	p-Isopropyltoluene	10.000	10.125	-1.3	101	0.00
82	t	1,3-Dichlorobenzene	10.000	10.748	-7.5	100	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.787	-7.9	101	0.00
84	t	n-Butylbenzene	10.000	11.696	-17.0	99	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.820	-8.2	100	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.743	-7.4	97	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.314	-3.1	93	0.00
88	t	Hexachlorobutadiene	10.000	10.215	-2.1	97	0.00
89	t	Naphthalene	10.000	8.256	17.4	84	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.372	-3.7	93	0.00

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