Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
Data File : VU063458.D
Acq On : 25 Jun 2025 14:31
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jun 26 01:27:19 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	99	0.00
2	T	Dichlorodifluoromethane	10.000	10.014	-0.1	97	0.00
3	t	Chloromethane	10.000	8.569	14.3	88	0.00
4	Rt	Vinyl Chloride	10.000	9.914	0.9	96	0.00
5	T	Bromomethane	10.000	11.382	-13.8	117	0.00
6	T	Chloroethane	10.000	9.363	6.4	91	0.00
7	T	Trichlorofluoromethane	10.000	9.962	0.4	97	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.804	2.0	96	0.00
9	Rt	1,1-Dichloroethene	10.000	9.916	0.8	96	0.00
10	t	Iodomethane	10.000	11.844	-18.4	101	0.00
11	t	Allyl Chloride	10.000	8.952	10.5	86	0.00
12	t	Acrylonitrile	20.000	17.932	10.3	89	0.00
13	T	Acetone	50.000	35.146	29.7	69	0.00
14	T	Carbon Disulfide	10.000	9.222	7.8	90	0.00
15	RT	Methylene Chloride	10.000	12.011	-20.1	121	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.599	4.0	94	0.00
17	t	1,1-Dichloroethane	10.000	9.444	5.6	92	0.00
18	T	2-Butanone	50.000	39.010	22.0	77	0.00
19		Cyclohexane	10.000	9.929	0.7	95	0.00
20		Methylcyclohexane	10.000	10.360	-3.6	89	0.00
21	T	2,2-Dichloropropane	10.000	9.046	9.5	89	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.585	4.1	95	0.00
23	t	Diethyl Ether	10.000	9.513	4.9	91	0.00
24	t	tert-Butyl Alcohol	100.000	90.871	9.1	85	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.729	2.7	93	0.00
26	t	Bromochloromethane	10.000	9.848	1.5	96	0.00
27	t	Chloroform	10.000	9.966	0.3	98	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.104	-1.0	95	0.00
29	T	1,1-Dichloropropene	10.000	10.288	-2.9	97	0.00
30	RT	Carbon Tetrachloride	10.000	10.127	-1.3	94	0.00
31	t	Isopropyl Ether	10.000	9.031	9.7	86	0.00
32		Ethyl-t-butyl ether	10.000	9.375	6.3	90	0.00
33		Tert-Amyl methyl ether	10.000	10.529	-5.3	95	0.00
34	t	Propionitrile	50.000	43.412	13.2	90	0.00
35	RT	Benzene	10.000	10.300	-3.0	96	0.00
36	RT	1,2-Dichloroethane	10.000	9.747	2.5	92	0.00
37	RT	Trichloroethene	10.000	9.765	2.3	92	0.00
38	Rt	1,2-Dichloropropane	10.000	10.314	-3.1	95	0.00
39	t	Methacrylonitrile	10.000	8.379	16.2	82	0.00
40	t	Methyl acrylate	10.000	9.128	8.7	80	0.00
41	t	Tetrahydrofuran	20.000	16.342	18.3	84	0.00
42	t	1-Chlorobutane	10.000	10.132	-1.3	96	0.00
43	T	Dibromomethane	10.000	10.019	-0.2	95	0.00
44	T	Bromodichloromethane	10.000	10.006	-0.1	96	0.00
45	T	4-Methyl-2-Pentanone	50.000	52.050	-4.1	90	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	16.792	16.0	85	0.00
47	t	Methyl methacrylate	20.000	19.132	4.3	95	0.00
48	t	Ethyl methacrylate	10.000	9.639	3.6	94	0.00
49	Rt	Toluene	10.000	11.141	-11.4	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.226	-12.3	96	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.733	-7.3	93	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.068	-0.7	96	0.00
53	t	1,3-Dichloropropane	10.000	10.394	-3.9	96	0.00
54	t	2-Hexanone	50.000	44.386	11.2	87	0.00
55	t	Dibromochloromethane	10.000	10.260	-2.6	94	0.00
56	T	1,2-Dibromoethane	10.000	9.953	0.5	96	0.00
57	S	4-Bromofluorobenzene	1.000	1.086	-8.6	93	0.00
58	RT	Tetrachloroethene	10.000	9.813	1.9	91	0.00
59	Rt	Chlorobenzene	10.000	10.429	-4.3	94	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.092	-0.9	95	0.00
61	t	Pentachloroethane	10.000	9.799	2.0	96	0.00
62	t	Hexachloroethane	10.000	10.180	-1.8	96	0.00
63	Rt	Ethyl Benzene	10.000	11.382	-13.8	95	0.00
64	RT	m/p-Xylenes	20.000	19.456	2.7	95	0.00
65	RT	o-Xylene	10.000	11.082	-10.8	93	0.00
66	RT	Styrene	10.000	9.719	2.8	95	0.00
67	t	Bromoform	10.000	10.057	-0.6	93	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.994	0.6	91	0.00
69	T	Isopropylbenzene	10.000	11.315	-13.1	94	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.192	-1.9	98	0.00
71	T	1,2,3-Trichloropropane	10.000	10.018	-0.2	107	0.00
72	t	Bromobenzene	10.000	10.329	-3.3	92	0.00
73	t	n-propylbenzene	10.000	9.601	4.0	95	0.00
74	t	2-Chlorotoluene	10.000	11.247	-12.5	96	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.792	2.1	95	0.00
76	t	4-Chlorotoluene	10.000	10.877	-8.8	94	0.00
77	t	tert-Butylbenzene	10.000	11.144	-11.4	94	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.681	3.2	95	0.00
79	t	sec-Butylbenzene	10.000	11.370	-13.7	95	0.00
80		Nitrobenzene	50.000	40.118	19.8	82	0.00
81	t	p-Isopropyltoluene	10.000	9.693	3.1	95	0.00
82	t	1,3-Dichlorobenzene	10.000	10.355	-3.6	95	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.385	-3.8	95	0.00
84	t	n-Butylbenzene	10.000	11.140	-11.4	93	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.358	-3.6	94	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.637	-6.4	95	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	9.884	1.2	88	0.00
88	t	Hexachlorobutadiene	10.000	9.698	3.0	90	0.00
89	t	Naphthalene	10.000	8.298	17.0	83	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.266	-2.7	90	0.00

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