Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072125\
Data File : VU063546.D
Acq On : 21 Jul 2025 09:13
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 22 04:06:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 17 03:49:40 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	9.048	9.5	89	0.00
3	t	Chloromethane	10.000	9.525	4.7	97	0.00
4	Rt	Vinyl Chloride	10.000	8.856	11.4	87	0.00
5	T	Bromomethane	10.000	9.076	9.2	97	0.00
6	T	Chloroethane	10.000	9.029	9.7	88	0.00
7	T	Trichlorofluoromethane	10.000	9.146	8.5	89	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.239	7.6	90	0.00
9	Rt	1,1-Dichloroethene	10.000	8.839	11.6	86	0.00
10	t	Iodomethane	10.000	6.613	33.9#	65	0.00
11	t	Allyl Chloride	10.000	8.852	11.5	86	0.00
12	t	Acrylonitrile	20.000	18.592	7.0	95	0.00
13	T	Acetone	50.000	72.086	-44.2#	149	0.00
14	T	Carbon Disulfide	10.000	8.174	18.3	79	0.00
15	RT	Methylene Chloride	10.000	8.716	12.8	90	0.00
16	RT	trans-1,2-Dichloroethene	10.000	8.889	11.1	87	0.00
17	t	1,1-Dichloroethane	10.000	9.064	9.4	90	0.00
18	T	2-Butanone	50.000	57.481	-15.0	115	0.00
19		Cyclohexane	10.000	9.192	8.1	91	0.00
20		Methylcyclohexane	10.000	9.597	4.0	87	0.00
21	T	2,2-Dichloropropane	10.000	9.175	8.2	93	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.233	7.7	92	0.00
23	t	Diethyl Ether	10.000	9.426	5.7	90	0.00
24	t	tert-Butyl Alcohol	100.000	92.873	7.1	92	-0.02
25	t	Methyl tert-Butyl Ether	10.000	9.393	6.1	91	0.00
26	t	Bromochloromethane	10.000	9.174	8.3	88	0.00
27	t	Chloroform	10.000	9.102	9.0	92	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.952	0.5	97	0.00
29	T	1,1-Dichloropropene	10.000	9.574	4.3	96	0.00
30	RT	Carbon Tetrachloride	10.000	10.260	-2.6	99	0.00
31	t	Isopropyl Ether	10.000	8.977	10.2	88	0.00
32		Ethyl-t-butyl ether	10.000	9.044	9.6	89	0.00
33		Tert-Amyl methyl ether	10.000	9.264	7.4	92	0.00
34	t	Propionitrile	50.000	44.741	10.5	95	0.00
35	RT	Benzene	10.000	10.501	-5.0	102	0.00
36	RT	1,2-Dichloroethane	10.000	10.046	-0.5	97	0.00
37	RT	Trichloroethene	10.000	9.577	4.2	89	0.00
38	Rt	1,2-Dichloropropane	10.000	10.741	-7.4	93	0.00
39	t	Methacrylonitrile	10.000	8.501	15.0	91	0.00
40	t	Methyl acrylate	10.000	8.855	11.4	83	0.00
41	t	Tetrahydrofuran	20.000	16.616	16.9	91	0.00
42	t	1-Chlorobutane	10.000	9.725	2.8	95	0.00
43	T	Dibromomethane	10.000	10.414	-4.1	96	0.00
44	T	Bromodichloromethane	10.000	10.480	-4.8	102	0.00
45	T	4-Methyl-2-Pentanone	50.000	54.609	-9.2	105	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	24.510	-22.6	107	0.00
47	t	Methyl methacrylate	20.000	22.255	-11.3	104	0.00
48	t	Ethyl methacrylate	10.000	10.220	-2.2	92	0.00
49	Rt	Toluene	10.000	9.414	5.9	90	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	9.766	2.3	86	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.083	-10.8	103	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.662	3.4	91	0.00
53	t	1,3-Dichloropropane	10.000	9.670	3.3	93	0.00
54	t	2-Hexanone	50.000	56.909	-13.8	107	0.00
55	t	Dibromochloromethane	10.000	9.846	1.5	86	0.00
56	T	1,2-Dibromoethane	10.000	9.510	4.9	91	0.00
57	S	4-Bromofluorobenzene	1.000	1.130	-13.0	115	0.00
58	RT	Tetrachloroethene	10.000	8.818	11.8	84	0.00
59	Rt	Chlorobenzene	10.000	9.421	5.8	90	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.555	4.5	89	0.00
61	t	Pentachloroethane	10.000	9.822	1.8	88	0.00
62	t	Hexachloroethane	10.000	10.506	-5.1	90	0.00
63	Rt	Ethyl Benzene	10.000	9.451	5.5	91	0.00
64	RT	m/p-Xylenes	20.000	19.356	3.2	91	0.00
65	RT	o-Xylene	10.000	9.843	1.6	92	0.00
66	RT	Styrene	10.000	10.098	-1.0	92	0.00
67	t	Bromoform	10.000	9.861	1.4	86	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.997	0.3	97	0.00
69	T	Isopropylbenzene	10.000	9.881	1.2	92	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.199	-2.0	98	0.00
71	T	1,2,3-Trichloropropane	10.000	9.220	7.8	84	0.00
72	t	Bromobenzene	10.000	9.701	3.0	92	0.00
73	t	n-propylbenzene	10.000	10.118	-1.2	93	0.00
74	t	2-Chlorotoluene	10.000	9.848	1.5	93	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.058	-0.6	93	0.00
76	t	4-Chlorotoluene	10.000	10.103	-1.0	94	0.00
77	t	tert-Butylbenzene	10.000	9.934	0.7	92	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.157	-1.6	93	0.00
79	t	sec-Butylbenzene	10.000	10.118	-1.2	94	0.00
80		Nitrobenzene	50.000	38.750	22.5	70	0.00
81	t	p-Isopropyltoluene	10.000	10.184	-1.8	94	0.00
82	t	1,3-Dichlorobenzene	10.000	9.916	0.8	93	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.002	-0.0	93	0.00
84	t	n-Butylbenzene	10.000	10.241	-2.4	92	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.043	-0.4	93	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.270	7.3	89	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	9.452	5.5	84	0.00
88	t	Hexachlorobutadiene	10.000	9.518	4.8	88	0.00
89	t	Naphthalene	10.000	8.780	12.2	80	0.00
90	t	1,2,3-Trichlorobenzene	10.000	9.210	7.9	83	0.00

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