Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
Data File : VU063430.D
Acq On : 24 Jun 2025 10:17
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jun 25 06:21:41 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	109	0.00
2	T	Dichlorodifluoromethane	10.000	9.029	9.7	96	0.00
3	t	Chloromethane	10.000	7.542	24.6	85	0.00
4	Rt	Vinyl Chloride	10.000	7.706	22.9	82	0.00
5	T	Bromomethane	10.000	8.043	19.6	91	0.00
6	T	Chloroethane	10.000	6.821	31.8#	73	0.00
7	T	Trichlorofluoromethane	10.000	8.083	19.2	86	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	7.926	20.7	85	0.00
9	Rt	1,1-Dichloroethene	10.000	7.991	20.1	85	0.00
10	t	Iodomethane	10.000	11.326	-13.3	106	0.00
11	t	Allyl Chloride	10.000	6.438	35.6#	68	0.00
12	t	Acrylonitrile	20.000	15.516	22.4	84	0.00
13	T	Acetone	50.000	26.365	47.3#	54	0.00
14	T	Carbon Disulfide	10.000	7.434	25.7	80	0.00
15	RT	Methylene Chloride	10.000	7.623	23.8	84	0.00
16	RT	trans-1,2-Dichloroethene	10.000	8.734	12.7	94	0.00
17	t	1,1-Dichloroethane	10.000	9.517	4.8	102	0.00
18	T	2-Butanone	50.000	41.697	16.6	90	0.00
19		Cyclohexane	10.000	10.004	-0.0	105	0.00
20		Methylcyclohexane	10.000	9.867	1.3	93	0.00
21	T	2,2-Dichloropropane	10.000	9.245	7.6	100	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.369	6.3	102	0.00
23	t	Diethyl Ether	10.000	6.628	33.7#	70	0.00
24	t	tert-Butyl Alcohol	100.000	77.795	22.2	80	0.00
25	t	Methyl tert-Butyl Ether	10.000	8.718	12.8	91	0.00
26	t	Bromochloromethane	10.000	9.233	7.7	98	0.00
27	t	Chloroform	10.000	9.247	7.5	100	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.518	4.8	98	0.00
29	T	1,1-Dichloropropene	10.000	9.662	3.4	100	0.00
30	RT	Carbon Tetrachloride	10.000	9.711	2.9	99	0.00
31	t	Isopropyl Ether	10.000	9.451	5.5	99	0.00
32		Ethyl-t-butyl ether	10.000	9.429	5.7	99	0.00
33		Tert-Amyl methyl ether	10.000	10.096	-1.0	100	0.00
34	t	Propionitrile	50.000	44.782	10.4	102	0.00
35	RT	Benzene	10.000	9.749	2.5	100	0.00
36	RT	1,2-Dichloroethane	10.000	9.175	8.2	96	0.00
37	RT	Trichloroethene	10.000	9.460	5.4	98	0.00
38	Rt	1,2-Dichloropropane	10.000	9.945	0.5	101	0.00
39	t	Methacrylonitrile	10.000	8.729	12.7	94	0.00
40	t	Methyl acrylate	10.000	8.870	11.3	85	0.00
41	t	Tetrahydrofuran	20.000	17.261	13.7	98	0.00
42	t	1-Chlorobutane	10.000	9.751	2.5	101	0.00
43	T	Dibromomethane	10.000	9.575	4.3	100	0.00
44	T	Bromodichloromethane	10.000	9.486	5.1	100	0.00
45	T	4-Methyl-2-Pentanone	50.000	49.367	1.3	94	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	15.831	20.8	89	0.00
47	t	Methyl methacrylate	20.000	17.827	10.9	97	0.00
48	t	Ethyl methacrylate	10.000	9.196	8.0	98	0.00
49	Rt	Toluene	10.000	10.577	-5.8	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.068	-10.7	104	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.575	-5.7	101	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.393	6.1	98	0.00
53	t	1,3-Dichloropropane	10.000	9.662	3.4	98	0.00
54	t	2-Hexanone	50.000	42.285	15.4	90	0.00
55	t	Dibromochloromethane	10.000	9.867	1.3	100	0.00
56	T	1,2-Dibromoethane	10.000	9.441	5.6	100	0.00
57	S	4-Bromofluorobenzene	1.000	1.115	-11.5	105	0.00
58	RT	Tetrachloroethene	10.000	9.563	4.4	97	0.00
59	Rt	Chlorobenzene	10.000	9.957	0.4	99	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.639	3.6	100	0.00
61	t	Pentachloroethane	10.000	9.550	4.5	103	0.00
62	t	Hexachloroethane	10.000	9.962	0.4	103	0.00
63	Rt	Ethyl Benzene	10.000	11.012	-10.1	101	0.00
64	RT	m/p-Xylenes	20.000	18.844	5.8	101	0.00
65	RT	o-Xylene	10.000	10.727	-7.3	99	0.00
66	RT	Styrene	10.000	9.374	6.3	101	0.00
67	t	Bromoform	10.000	9.560	4.4	97	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.951	4.9	96	0.00
69	T	Isopropylbenzene	10.000	10.872	-8.7	100	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.276	7.2	98	0.00
71	T	1,2,3-Trichloropropane	10.000	9.682	3.2	113	0.00
72	t	Bromobenzene	10.000	9.981	0.2	98	0.00
73	t	n-propylbenzene	10.000	9.209	7.9	100	0.00
74	t	2-Chlorotoluene	10.000	10.669	-6.7	100	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.381	6.2	100	0.00
76	t	4-Chlorotoluene	10.000	10.700	-7.0	102	0.00
77	t	tert-Butylbenzene	10.000	10.784	-7.8	100	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.453	5.5	102	0.00
79	t	sec-Butylbenzene	10.000	10.957	-9.6	101	0.00
80		Nitrobenzene	50.000	39.666	20.7	90	0.00
81	t	p-Isopropyltoluene	10.000	9.324	6.8	100	0.00
82	t	1,3-Dichlorobenzene	10.000	9.885	1.2	99	0.00
83	Rt	1,4-Dichlorobenzene	10.000	9.960	0.4	100	0.00
84	t	n-Butylbenzene	10.000	10.729	-7.3	98	0.00
85	Rt	1,2-Dichlorobenzene	10.000	9.830	1.7	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.881	1.2	96	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	9.620	3.8	94	0.00
88	t	Hexachlorobutadiene	10.000	9.580	4.2	98	0.00
89	t	Naphthalene	10.000	7.773	22.3	85	0.00
90	t	1,2,3-Trichlorobenzene	10.000	9.620	3.8	93	0.00

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