Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
Data File : VU063249.D
Acq On : 12 Feb 2025 10:48
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 13 03:06:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 11 08:42:19 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	94	0.00
2	T	Dichlorodifluoromethane	10.000	9.709	2.9	97	0.00
3	t	Chloromethane	10.000	9.374	6.3	93	0.00
4	Rt	Vinyl Chloride	10.000	9.798	2.0	93	0.00
5	T	Bromomethane	10.000	11.104	-11.0	99	0.00
6	T	Chloroethane	10.000	9.387	6.1	93	0.00
7	T	Trichlorofluoromethane	10.000	9.961	0.4	97	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.336	-3.4	105	0.00
9	Rt	1,1-Dichloroethene	10.000	10.249	-2.5	98	0.00
10	t	Iodomethane	10.000	10.453	-4.5	97	0.00
11	t	Allyl Chloride	10.000	9.992	0.1	94	0.00
12	t	Acrylonitrile	20.000	20.569	-2.8	87	0.00
13	T	Acetone	50.000	44.953	10.1	80	0.00
14	T	Carbon Disulfide	10.000	9.747	2.5	94	0.00
15	RT	Methylene Chloride	10.000	9.802	2.0	95	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.238	-2.4	97	0.00
17	t	1,1-Dichloroethane	10.000	10.104	-1.0	96	0.00
18	T	2-Butanone	50.000	48.752	2.5	83	0.00
19		Cyclohexane	10.000	10.790	-7.9	98	0.00
20		Methylcyclohexane	10.000	11.362	-13.6	104	0.00
21	T	2,2-Dichloropropane	10.000	10.276	-2.8	98	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.291	-2.9	96	0.00
23	t	Diethyl Ether	10.000	9.655	3.5	91	0.00
24	t	tert-Butyl Alcohol	100.000	83.500	16.5	75	0.02
25	t	Methyl tert-Butyl Ether	10.000	10.306	-3.1	91	0.00
26	t	Bromochloromethane	10.000	10.068	-0.7	95	0.00
27	t	Chloroform	10.000	10.045	-0.4	95	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.177	-1.8	97	0.00
29	T	1,1-Dichloropropene	10.000	10.705	-7.1	99	0.00
30	RT	Carbon Tetrachloride	10.000	10.291	-2.9	98	0.00
31	t	Isopropyl Ether	10.000	10.392	-3.9	93	0.00
32		Ethyl-t-butyl ether	10.000	10.522	-5.2	93	0.00
33		Tert-Amyl methyl ether	10.000	10.838	-8.4	92	0.00
34	t	Propionitrile	50.000	51.745	-3.5	85	0.00
35	RT	Benzene	10.000	10.283	-2.8	96	0.00
36	RT	1,2-Dichloroethane	10.000	9.936	0.6	93	0.00
37	RT	Trichloroethene	10.000	10.219	-2.2	96	0.00
38	Rt	1,2-Dichloropropane	10.000	10.274	-2.7	95	0.00
39	t	Methacrylonitrile	10.000	10.967	-9.7	85	0.00
40	t	Methyl acrylate	10.000	10.346	-3.5	87	0.00
41	t	Tetrahydrofuran	20.000	20.220	-1.1	86	0.00
42	t	1-Chlorobutane	10.000	10.439	-4.4	95	0.00
43	T	Dibromomethane	10.000	10.017	-0.2	94	0.00
44	T	Bromodichloromethane	10.000	10.327	-3.3	94	0.00
45	T	4-Methyl-2-Pentanone	50.000	52.711	-5.4	86	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	21.967	-9.8	98	0.00
47	t	Methyl methacrylate	20.000	22.078	-10.4	88	0.00
48	t	Ethyl methacrylate	10.000	11.484	-14.8	88	0.00
49	Rt	Toluene	10.000	10.932	-9.3	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.778	-7.8	92	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.447	-4.5	92	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.486	-4.9	95	0.00
53	t	1,3-Dichloropropane	10.000	10.294	-2.9	93	0.00
54	t	2-Hexanone	50.000	52.760	-5.5	85	0.00
55	t	Dibromochloromethane	10.000	10.388	-3.9	92	0.00
56	T	1,2-Dibromoethane	10.000	10.196	-2.0	90	0.00
57	S	4-Bromofluorobenzene	1.000	1.328	-32.8#	115	0.00
58	RT	Tetrachloroethene	10.000	10.837	-8.4	105	0.00
59	Rt	Chlorobenzene	10.000	10.494	-4.9	96	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.471	-4.7	96	0.00
61	t	Pentachloroethane	10.000	9.856	1.4	92	0.00
62	t	Hexachloroethane	10.000	10.453	-4.5	94	0.00
63	Rt	Ethyl Benzene	10.000	11.211	-12.1	96	0.00
64	RT	m/p-Xylenes	20.000	23.011	-15.1	97	0.00
65	RT	o-Xylene	10.000	11.188	-11.9	96	0.00
66	RT	Styrene	10.000	11.643	-16.4	96	0.00
67	t	Bromoform	10.000	10.490	-4.9	91	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.995	0.5	93	0.00
69	T	Isopropylbenzene	10.000	11.354	-13.5	97	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.913	0.9	89	0.00
71	T	1,2,3-Trichloropropane	10.000	9.656	3.4	99	0.00
72	t	Bromobenzene	10.000	10.707	-7.1	95	0.00
73	t	n-propylbenzene	10.000	11.848	-18.5	99	0.00
74	t	2-Chlorotoluene	10.000	11.143	-11.4	97	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.526	-15.3	97	0.00
76	t	4-Chlorotoluene	10.000	11.371	-13.7	99	0.00
77	t	tert-Butylbenzene	10.000	11.021	-10.2	96	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.619	-16.2	96	0.00
79	t	sec-Butylbenzene	10.000	11.524	-15.2	99	0.00
80		Nitrobenzene	50.000	43.211	13.6	79	0.00
81	t	p-Isopropyltoluene	10.000	11.824	-18.2	99	0.00
82	t	1,3-Dichlorobenzene	10.000	10.689	-6.9	97	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.926	-9.3	96	0.00
84	t	n-Butylbenzene	10.000	11.862	-18.6	100	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.510	-5.1	95	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.548	-5.5	85	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	12.143	-21.4	100	0.00
88	t	Hexachlorobutadiene	10.000	11.124	-11.2	111	0.00
89	t	Naphthalene	10.000	8.979	10.2	85	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.837	-18.4	97	0.00

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