Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012423\
Data File : VU052798.D
Acq On : 24 Jan 2023 19:44
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jan 25 01:41:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jan 24 05:16:59 2023
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	87	0.00
2	T	Dichlorodifluoromethane	10.000	9.895	1.1	84	0.00
3	t	Chloromethane	10.000	8.417	15.8	76	0.00
4	Rt	Vinyl Chloride	10.000	9.200	8.0	79	0.00
5	T	Bromomethane	10.000	9.411	5.9	78	0.00
6	T	Chloroethane	10.000	9.544	4.6	82	0.00
7	T	Trichlorofluoromethane	10.000	10.288	-2.9	88	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.841	1.6	85	0.00
9	Rt	1,1-Dichloroethene	10.000	9.691	3.1	83	0.00
10	t	Iodomethane	10.000	11.357	-13.6	87	0.00
11	t	Allyl Chloride	10.000	9.571	4.3	81	0.00
12	t	Acrylonitrile	20.000	20.190	-1.0	82	0.00
13	T	Acetone	50.000	39.541	20.9	73	0.00
14	T	Carbon Disulfide	10.000	8.838	11.6	76	0.00
15	RT	Methylene Chloride	10.000	9.305	7.0	89	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.454	5.5	82	0.00
17	t	1,1-Dichloroethane	10.000	9.776	2.2	84	0.00
18	T	2-Butanone	50.000	42.964	14.1	76	0.00
19		Cyclohexane	10.000	9.308	6.9	81	0.00
20		Methylcyclohexane	10.000	9.772	2.3	77	0.00
21	T	2,2-Dichloropropane	10.000	9.552	4.5	84	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.890	1.1	86	0.00
23	t	Diethyl Ether	10.000	9.572	4.3	80	0.00
24	t	tert-Butyl Alcohol	100.000	103.192	-3.2	88	-0.03
25	t	Methyl tert-Butyl Ether	10.000	10.213	-2.1	86	0.00
26	t	Bromochloromethane	10.000	9.582	4.2	85	0.00
27	t	Chloroform	10.000	10.037	-0.4	87	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.193	-1.9	87	0.00
29	T	1,1-Dichloropropene	10.000	9.612	3.9	82	0.00
30	RT	Carbon Tetrachloride	10.000	10.178	-1.8	85	0.00
31	t	Isopropyl Ether	10.000	9.435	5.6	82	0.00
32		Ethyl-t-butyl ether	10.000	10.095	-1.0	85	0.00
33		Tert-Amyl methyl ether	10.000	10.110	-1.1	82	0.00
34	t	Propionitrile	50.000	51.972	-3.9	87	0.00
35	RT	Benzene	10.000	9.651	3.5	82	0.00
36	RT	1,2-Dichloroethane	10.000	10.185	-1.9	87	0.00
37	RT	Trichloroethene	10.000	9.527	4.7	80	0.00
38	Rt	1,2-Dichloropropane	10.000	9.790	2.1	82	0.00
39	t	Methacrylonitrile	10.000	9.517	4.8	80	0.00
40	t	Methyl acrylate	10.000	9.441	5.6	76	0.00
41	t	Tetrahydrofuran	20.000	19.310	3.5	86	0.00
42	t	1-Chlorobutane	10.000	9.693	3.1	84	0.00
43	T	Dibromomethane	10.000	9.936	0.6	86	0.00
44	T	Bromodichloromethane	10.000	9.850	1.5	85	0.00
45	T	4-Methyl-2-Pentanone	50.000	50.704	-1.4	79	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	21.196	-6.0	91	0.00
47	t	Methyl methacrylate	20.000	20.887	-4.4	80	0.00
48	t	Ethyl methacrylate	10.000	10.113	-1.1	75	0.00
49	Rt	Toluene	10.000	10.231	-2.3	83	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	9.840	1.6	79	0.00
51	T	cis-1,3-Dichloropropene	10.000	9.528	4.7	78	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.940	0.6	83	0.00
53	t	1,3-Dichloropropane	10.000	9.810	1.9	81	0.00
54	t	2-Hexanone	50.000	44.846	10.3	71	0.00
55	t	Dibromochloromethane	10.000	9.879	1.2	83	0.00
56	T	1,2-Dibromoethane	10.000	9.868	1.3	83	0.00
57	S	4-Bromofluorobenzene	1.000	1.036	-3.6	85	0.00
58	RT	Tetrachloroethene	10.000	9.946	0.5	84	0.00
59	Rt	Chlorobenzene	10.000	10.006	-0.1	82	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.214	-2.1	86	0.00
61	t	Pentachloroethane	10.000	9.765	2.3	82	0.00
62	t	Hexachloroethane	10.000	10.251	-2.5	83	0.00
63	Rt	Ethyl Benzene	10.000	10.612	-6.1	81	0.00
64	RT	m/p-Xylenes	20.000	22.318	-11.6	83	0.00
65	RT	o-Xylene	10.000	10.715	-7.1	82	0.00
66	RT	Styrene	10.000	9.378	6.2	83	0.00
67	t	Bromoform	10.000	9.925	0.7	86	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.128	-12.8	91	0.00
69	T	Isopropylbenzene	10.000	10.872	-8.7	81	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.159	-1.6	84	0.00
71	T	1,2,3-Trichloropropane	10.000	10.939	-9.4	90	0.00
72	t	Bromobenzene	10.000	10.423	-4.2	85	0.00
73	t	n-propylbenzene	10.000	9.447	5.5	84	0.00
74	t	2-Chlorotoluene	10.000	11.133	-11.3	86	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.500	5.0	84	0.00
76	t	4-Chlorotoluene	10.000	11.244	-12.4	86	0.00
77	t	tert-Butylbenzene	10.000	11.044	-10.4	84	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.535	4.6	85	0.00
79	t	sec-Butylbenzene	10.000	9.321	6.8	83	0.00
80		Nitrobenzene	50.000	46.231	7.5	78	0.00
81	t	p-Isopropyltoluene	10.000	9.433	5.7	84	0.00
82	t	1,3-Dichlorobenzene	10.000	10.858	-8.6	87	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.005	-10.1	87	0.00
84	t	n-Butylbenzene	10.000	8.974	10.3	81	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.832	-8.3	86	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.844	1.6	83	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.452	-4.5	79	0.00
88	t	Hexachlorobutadiene	10.000	10.631	-6.3	87	0.00
89	t	Naphthalene	10.000	9.449	5.5	76	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.076	-10.8	84	0.00

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