Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
Data File : VU050378.D
Acq On : 19 Aug 2022 18:10
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Aug 25 20:05:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 2022
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	105	0.00
2	T	Dichlorodifluoromethane	10.000	9.807	1.9	99	0.00
3	t	Chloromethane	10.000	9.033	9.7	93	0.00
4	Rt	Vinyl Chloride	10.000	9.852	1.5	98	0.00
5	T	Bromomethane	10.000	7.999	20.0	86	0.00
6	T	Chloroethane	10.000	9.763	2.4	98	0.00
7	T	Trichlorofluoromethane	10.000	9.971	0.3	100	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.845	1.5	101	0.00
9	Rt	1,1-Dichloroethene	10.000	9.631	3.7	97	0.00
10	t	Iodomethane	10.000	7.516	24.8	74	0.00
11	t	Allyl Chloride	10.000	9.762	2.4	98	0.00
12	t	Acrylonitrile	20.000	18.862	5.7	93	0.00
13	T	Acetone	50.000	46.023	8.0	94	0.00
14	T	Carbon Disulfide	10.000	9.497	5.0	98	0.00
15	RT	Methylene Chloride	10.000	10.283	-2.8	118	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.064	-0.6	101	0.00
17	t	1,1-Dichloroethane	10.000	9.729	2.7	99	0.00
18	T	2-Butanone	50.000	43.215	13.6	84	0.00
19		Cyclohexane	10.000	9.016	9.8	93	0.00
20		Methylcyclohexane	10.000	12.006	-20.1	105	0.00
21	T	2,2-Dichloropropane	10.000	8.563	14.4	93	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.760	2.4	99	0.00
23	t	Diethyl Ether	10.000	9.653	3.5	97	0.00
24	t	tert-Butyl Alcohol	100.000	114.338	-14.3	126	0.02
25	t	Methyl tert-Butyl Ether	10.000	9.738	2.6	99	0.00
26	t	Bromochloromethane	10.000	11.294	-12.9	118	0.00
27	t	Chloroform	10.000	9.879	1.2	101	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.516	4.8	97	0.00
29	T	1,1-Dichloropropene	10.000	9.960	0.4	103	0.00
30	RT	Carbon Tetrachloride	10.000	9.756	2.4	96	0.00
31	t	Isopropyl Ether	10.000	9.807	1.9	100	0.00
32		Ethyl-t-butyl ether	10.000	8.129	18.7	80	0.00
33		Tert-Amyl methyl ether	10.000	10.601	-6.0	91	0.00
34	t	Propionitrile	50.000	49.487	1.0	113	0.00
35	RT	Benzene	10.000	10.266	-2.7	100	0.00
36	RT	1,2-Dichloroethane	10.000	9.949	0.5	100	0.00
37	RT	Trichloroethene	10.000	10.073	-0.7	101	0.00
38	Rt	1,2-Dichloropropane	10.000	10.490	-4.9	101	0.00
39	t	Methacrylonitrile	10.000	8.010	19.9	89	0.00
40	t	Methyl acrylate	10.000	8.880	11.2	100	0.00
41	t	Tetrahydrofuran	20.000	17.492	12.5	89	0.00
42	t	1-Chlorobutane	10.000	9.567	4.3	100	0.00
43	T	Dibromomethane	10.000	10.134	-1.3	99	0.00
44	T	Bromodichloromethane	10.000	10.383	-3.8	103	0.00
45	T	4-Methyl-2-Pentanone	50.000	56.359	-12.7	98	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	17.170	14.1	83	0.00
47	t	Methyl methacrylate	20.000	19.172	4.1	100	0.00
48	t	Ethyl methacrylate	10.000	9.665	3.4	101	0.00
49	Rt	Toluene	10.000	11.709	-17.1	102	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.475	-14.7	104	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.290	-12.9	104	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.084	-0.8	99	0.00
53	t	1,3-Dichloropropane	10.000	10.572	-5.7	100	0.00
54	t	2-Hexanone	50.000	55.991	-12.0	99	0.00
55	t	Dibromochloromethane	10.000	10.225	-2.2	101	0.00
56	T	1,2-Dibromoethane	10.000	10.337	-3.4	99	0.00
57	S	4-Bromofluorobenzene	1.000	1.306	-30.6#	117	0.00
58	RT	Tetrachloroethene	10.000	10.063	-0.6	100	0.00
59	Rt	Chlorobenzene	10.000	11.112	-11.1	101	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.390	-3.9	101	0.00
61	t	Pentachloroethane	10.000	10.352	-3.5	100	0.00
62	t	Hexachloroethane	10.000	11.211	-12.1	104	0.00
63	Rt	Ethyl Benzene	10.000	9.774	2.3	102	0.00
64	RT	m/p-Xylenes	20.000	19.751	1.2	100	0.00
65	RT	o-Xylene	10.000	9.745	2.6	100	0.00
66	RT	Styrene	10.000	9.762	2.4	100	0.00
67	t	Bromoform	10.000	10.278	-2.8	99	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.016	-1.6	100	0.00
69	T	Isopropylbenzene	10.000	9.840	1.6	103	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.950	0.5	98	0.00
71	T	1,2,3-Trichloropropane	10.000	7.674	23.3	73	0.00
72	t	Bromobenzene	10.000	11.139	-11.4	101	0.00
73	t	n-propylbenzene	10.000	9.587	4.1	98	0.00
74	t	2-Chlorotoluene	10.000	9.896	1.0	100	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.943	0.6	100	0.00
76	t	4-Chlorotoluene	10.000	9.911	0.9	97	0.00
77	t	tert-Butylbenzene	10.000	9.733	2.7	100	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.816	1.8	101	0.00
79	t	sec-Butylbenzene	10.000	9.828	1.7	102	0.00
80		Nitrobenzene	50.000	46.231	7.5	92	0.00
81	t	p-Isopropyltoluene	10.000	9.633	3.7	99	0.00
82	t	1,3-Dichlorobenzene	10.000	11.069	-10.7	99	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.178	-11.8	99	0.00
84	t	n-Butylbenzene	10.000	9.505	4.9	99	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.860	-8.6	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.862	1.4	97	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.142	-11.4	97	0.00
88	t	Hexachlorobutadiene	10.000	10.393	-3.9	98	0.00
89	t	Naphthalene	10.000	8.423	15.8	91	0.00
90	t	1,2,3-Trichlorobenzene	10.000	9.010	9.9	94	0.00

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