Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101422\
Data File : VU051420.D
Acq On : 14 Oct 2022 11:50
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 15 06:03:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U100422DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 05 02:45:21 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	71	0.00
2	T	Dichlorodifluoromethane	10.000	11.403	-14.0	82	0.00
3	t	Chloromethane	10.000	10.153	-1.5	78	0.00
4	Rt	Vinyl Chloride	10.000	10.355	-3.6	75	0.00
5	T	Bromomethane	10.000	7.389	26.1	59	-0.01
6	T	Chloroethane	10.000	9.505	4.9	71	0.00
7	T	Trichlorofluoromethane	10.000	10.381	-3.8	75	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.649	-6.5	76	0.00
9	Rt	1,1-Dichloroethene	10.000	9.375	6.3	68	0.00
10	t	Iodomethane	10.000	9.601	4.0	66	0.00
11	t	Allyl Chloride	10.000	9.247	7.5	67	0.00
12	t	Acrylonitrile	20.000	20.760	-3.8	83	0.00
13	T	Acetone	50.000	69.146	-38.3#	101	-0.03
14	T	Carbon Disulfide	10.000	9.174	8.3	70	0.00
15	RT	Methylene Chloride	10.000	10.323	-3.2	71	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.316	6.8	70	0.00
17	t	1,1-Dichloroethane	10.000	10.333	-3.3	76	0.00
18	T	2-Butanone	50.000	69.266	-38.5#	97	0.00
19		Cyclohexane	10.000	11.241	-12.4	69	0.00
20		Methylcyclohexane	10.000	11.140	-11.4	67	0.00
21	T	2,2-Dichloropropane	10.000	10.902	-9.0	77	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.130	-1.3	70	0.00
23	t	Diethyl Ether	10.000	9.815	1.9	74	0.00
24	t	tert-Butyl Alcohol	100.000	280.740	-180.7#	187	-0.07
25	t	Methyl tert-Butyl Ether	10.000	10.040	-0.4	76	0.00
26	t	Bromochloromethane	10.000	10.488	-4.9	76	0.00
27	t	Chloroform	10.000	10.190	-1.9	75	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.322	-3.2	74	0.00
29	T	1,1-Dichloropropene	10.000	11.338	-13.4	74	0.00
30	RT	Carbon Tetrachloride	10.000	10.734	-7.3	77	0.00
31	t	Isopropyl Ether	10.000	9.390	6.1	65	0.00
32		Ethyl-t-butyl ether	10.000	9.875	1.3	67	0.00
33		Tert-Amyl methyl ether	10.000	10.895	-8.9	71	0.00
34	t	Propionitrile	50.000	72.987	-46.0#	108	-0.02
35	RT	Benzene	10.000	10.468	-4.7	73	0.00
36	RT	1,2-Dichloroethane	10.000	10.833	-8.3	80	0.00
37	RT	Trichloroethene	10.000	9.762	2.4	69	0.00
38	Rt	1,2-Dichloropropane	10.000	10.960	-9.6	76	0.00
39	t	Methacrylonitrile	10.000	12.868	-28.7	86	0.00
40	t	Methyl acrylate	10.000	12.152	-21.5	86	0.00
41	t	Tetrahydrofuran	20.000	25.844	-29.2	89	0.00
42	t	1-Chlorobutane	10.000	10.879	-8.8	71	0.00
43	T	Dibromomethane	10.000	11.065	-10.6	82	0.00
44	T	Bromodichloromethane	10.000	10.341	-3.4	75	0.00
45	T	4-Methyl-2-Pentanone	50.000	62.602	-25.2	87	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	25.224	-26.1	81	0.00
47	t	Methyl methacrylate	20.000	26.026	-30.1#	83	0.00
48	t	Ethyl methacrylate	10.000	11.600	-16.0	73	0.00
49	Rt	Toluene	10.000	10.960	-9.6	70	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.323	-13.2	76	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.619	-6.2	72	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.733	-7.3	81	0.00
53	t	1,3-Dichloropropane	10.000	11.400	-14.0	81	0.00
54	t	2-Hexanone	50.000	61.881	-23.8	86	0.00
55	t	Dibromochloromethane	10.000	10.756	-7.6	80	0.00
56	T	1,2-Dibromoethane	10.000	10.956	-9.6	78	0.00
57	S	4-Bromofluorobenzene	1.000	1.323	-32.3#	84	0.00
58	RT	Tetrachloroethene	10.000	8.764	12.4	61	0.00
59	Rt	Chlorobenzene	10.000	10.151	-1.5	69	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.849	1.5	72	0.00
61	t	Pentachloroethane	10.000	12.560	-25.6	92	0.00
62	t	Hexachloroethane	10.000	10.311	-3.1	72	0.00
63	Rt	Ethyl Benzene	10.000	10.494	-4.9	63	0.00
64	RT	m/p-Xylenes	20.000	19.201	4.0	68	0.00
65	RT	o-Xylene	10.000	10.758	-7.6	65	0.00
66	RT	Styrene	10.000	9.125	8.8	64	0.00
67	t	Bromoform	10.000	10.904	-9.0	80	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.028	-2.8	68	0.00
69	T	Isopropylbenzene	10.000	9.034	9.7	64	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	12.024	-20.2	90	0.00
71	T	1,2,3-Trichloropropane	10.000	10.351	-3.5	78	0.00
72	t	Bromobenzene	10.000	10.168	-1.7	66	0.00
73	t	n-propylbenzene	10.000	9.347	6.5	66	0.00
74	t	2-Chlorotoluene	10.000	11.306	-13.1	70	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.471	5.3	67	0.00
76	t	4-Chlorotoluene	10.000	10.030	-0.3	70	0.00
77	t	tert-Butylbenzene	10.000	11.154	-11.5	66	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.290	7.1	65	0.00
79	t	sec-Butylbenzene	10.000	9.406	5.9	66	0.00
80		Nitrobenzene	50.000	52.736	-5.5	74	0.00
81	t	p-Isopropyltoluene	10.000	9.132	8.7	64	0.00
82	t	1,3-Dichlorobenzene	10.000	10.059	-0.6	67	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.323	-3.2	67	0.00
84	t	n-Butylbenzene	10.000	8.398	16.0	59	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.149	-1.5	68	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	12.429	-24.3	88	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	7.513	24.9	54	0.00
88	t	Hexachlorobutadiene	10.000	9.502	5.0	65	0.00
89	t	Naphthalene	10.000	9.081	9.2	58	0.00
90	t	1,2,3-Trichlorobenzene	10.000	8.251	17.5	59	0.00

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