Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
Data File : VU050366.D
Acq On : 17 Aug 2022 20:47
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Aug 18 06:11:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 18 06:06:02 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	94	0.00
2	T	Dichlorodifluoromethane	10.000	7.478	25.2	75	0.00
3	t	Chloromethane	10.000	9.053	9.5	92	0.00
4	Rt	Vinyl Chloride	10.000	9.122	8.8	89	0.00
5	T	Bromomethane	10.000	10.040	-0.4	100	0.00
6	T	Chloroethane	10.000	9.685	3.1	96	0.00
7	T	Trichlorofluoromethane	10.000	8.360	16.4	83	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	7.617	23.8	76	0.00
9	Rt	1,1-Dichloroethene	10.000	9.006	9.9	88	0.00
10	t	Iodomethane	10.000	11.974	-19.7	102	0.00
11	t	Allyl Chloride	10.000	9.613	3.9	96	0.00
12	t	Acrylonitrile	20.000	19.132	4.3	93	0.00
13	T	Acetone	50.000	54.836	-9.7	99	0.00
14	T	Carbon Disulfide	10.000	8.849	11.5	89	0.00
15	RT	Methylene Chloride	10.000	6.969	30.3#	109	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.672	3.3	93	-0.02
17	t	1,1-Dichloroethane	10.000	10.410	-4.1	98	-0.03
18	T	2-Butanone	50.000	54.897	-9.8	101	0.00
19		Cyclohexane	10.000	8.157	18.4	73	0.00
20		Methylcyclohexane	10.000	8.113	18.9	71	-0.03
21	T	2,2-Dichloropropane	10.000	8.981	10.2	82	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.860	-8.6	103	0.00
23	t	Diethyl Ether	10.000	9.519	4.8	97	0.00
24	t	tert-Butyl Alcohol	100.000	113.176	-13.2	107	0.03
25	t	Methyl tert-Butyl Ether	10.000	10.175	-1.8	97	-0.01
26	t	Bromochloromethane	10.000	10.222	-2.2	108	0.00
27	t	Chloroform	10.000	10.409	-4.1	104	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.653	3.5	93	0.00
29	T	1,1-Dichloropropene	10.000	10.065	-0.6	90	0.00
30	RT	Carbon Tetrachloride	10.000	9.385	6.2	91	0.00
31	t	Isopropyl Ether	10.000	11.031	-10.3	99	-0.02
32		Ethyl-t-butyl ether	10.000	11.617	-16.2	98	-0.01
33		Tert-Amyl methyl ether	10.000	11.978	-19.8	103	0.00
34	t	Propionitrile	50.000	53.741	-7.5	97	0.00
35	RT	Benzene	10.000	10.414	-4.1	96	0.00
36	RT	1,2-Dichloroethane	10.000	10.110	-1.1	97	0.00
37	RT	Trichloroethene	10.000	9.895	1.1	94	-0.03
38	Rt	1,2-Dichloropropane	10.000	10.570	-5.7	98	-0.03
39	t	Methacrylonitrile	10.000	12.173	-21.7	99	0.00
40	t	Methyl acrylate	10.000	12.219	-22.2	101	0.00
41	t	Tetrahydrofuran	20.000	22.933	-14.7	99	0.00
42	t	1-Chlorobutane	10.000	9.912	0.9	91	0.00
43	T	Dibromomethane	10.000	10.122	-1.2	97	-0.03
44	T	Bromodichloromethane	10.000	10.388	-3.9	98	-0.02
45	T	4-Methyl-2-Pentanone	50.000	54.173	-8.3	96	-0.01
46	t	t-1,4-Dichloro-2-butene	20.000	20.730	-3.7	79	0.00
47	t	Methyl methacrylate	20.000	22.617	-13.1	93	-0.02
48	t	Ethyl methacrylate	10.000	9.751	2.5	92	0.00
49	Rt	Toluene	10.000	11.344	-13.4	97	-0.02

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.578	-5.8	93	-0.02
51	T	cis-1,3-Dichloropropene	10.000	10.440	-4.4	93	-0.02
52	RT	1,1,2-Trichloroethane	10.000	10.020	-0.2	98	0.00
53	t	1,3-Dichloropropane	10.000	10.598	-6.0	97	0.00
54	t	2-Hexanone	50.000	55.292	-10.6	94	0.00
55	t	Dibromochloromethane	10.000	10.349	-3.5	98	0.00
56	T	1,2-Dibromoethane	10.000	10.597	-6.0	97	0.00
57	S	4-Bromofluorobenzene	1.000	1.090	-9.0	97	0.00
58	RT	Tetrachloroethene	10.000	9.400	6.0	91	-0.01
59	Rt	Chlorobenzene	10.000	10.742	-7.4	96	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.445	-4.5	100	0.00
61	t	Pentachloroethane	10.000	10.497	-5.0	98	0.00
62	t	Hexachloroethane	10.000	10.221	-2.2	96	0.00
63	Rt	Ethyl Benzene	10.000	9.764	2.4	93	0.00
64	RT	m/p-Xylenes	20.000	20.176	-0.9	94	0.00
65	RT	o-Xylene	10.000	10.179	-1.8	95	0.00
66	RT	Styrene	10.000	10.404	-4.0	98	0.00
67	t	Bromoform	10.000	10.261	-2.6	94	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.008	-0.8	94	0.00
69	T	Isopropylbenzene	10.000	9.672	3.3	92	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.790	2.1	92	0.00
71	T	1,2,3-Trichloropropane	10.000	9.667	3.3	94	0.00
72	t	Bromobenzene	10.000	11.037	-10.4	96	0.00
73	t	n-propylbenzene	10.000	9.532	4.7	89	0.00
74	t	2-Chlorotoluene	10.000	10.306	-3.1	97	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.076	-0.8	95	0.00
76	t	4-Chlorotoluene	10.000	11.948	-19.5	95	0.00
77	t	tert-Butylbenzene	10.000	9.637	3.6	92	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.191	-1.9	93	0.00
79	t	sec-Butylbenzene	10.000	9.096	9.0	86	0.00
80		Nitrobenzene	50.000	42.709	14.6	82	0.00
81	t	p-Isopropyltoluene	10.000	6.706	32.9#	87	0.00
82	t	1,3-Dichlorobenzene	10.000	10.659	-6.6	93	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.294	-2.9	92	0.00
84	t	n-Butylbenzene	10.000	8.403	16.0	81	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.567	-5.7	93	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.013	-0.1	93	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	8.623	13.8	83	0.00
88	t	Hexachlorobutadiene	10.000	8.580	14.2	84	0.00
89	t	Naphthalene	10.000	13.121	-31.2#	131	0.00
90	t	1,2,3-Trichlorobenzene	10.000	8.966	10.3	84	0.00

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