Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101923\
Data File : VU055817.D
Acq On : 19 Oct 2023 18:29
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 20 01:37:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 19 03:10:04 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	96	0.00
2	T	Dichlorodifluoromethane	10.000	9.019	9.8	79	0.00
3	t	Chloromethane	10.000	10.135	-1.3	91	0.00
4	Rt	Vinyl Chloride	10.000	10.359	-3.6	92	0.00
5	T	Bromomethane	10.000	11.141	-11.4	97	0.00
6	T	Chloroethane	10.000	11.938	-19.4	102	0.00
7	T	Trichlorofluoromethane	10.000	10.625	-6.3	94	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.632	3.7	84	0.00
9	Rt	1,1-Dichloroethene	10.000	9.544	4.6	84	0.00
10	t	Iodomethane	10.000	10.341	-3.4	85	0.00
11	t	Allyl Chloride	10.000	9.914	0.9	85	0.00
12	t	Acrylonitrile	20.000	20.480	-2.4	86	0.00
13	T	Acetone	50.000	34.603	30.8#	61	0.00
14	T	Carbon Disulfide	10.000	9.288	7.1	81	0.00
15	RT	Methylene Chloride	10.000	9.403	6.0	87	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.803	2.0	84	0.00
17	t	1,1-Dichloroethane	10.000	9.740	2.6	85	0.00
18	T	2-Butanone	50.000	37.795	24.4	63	0.00
19		Cyclohexane	10.000	10.216	-2.2	83	0.00
20		Methylcyclohexane	10.000	10.302	-3.0	80	0.00
21	T	2,2-Dichloropropane	10.000	9.294	7.1	81	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.967	0.3	84	0.00
23	t	Diethyl Ether	10.000	11.519	-15.2	101	0.00
24	t	tert-Butyl Alcohol	100.000	104.237	-4.2	93	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.236	-2.4	85	0.00
26	t	Bromochloromethane	10.000	9.836	1.6	86	0.00
27	t	Chloroform	10.000	9.795	2.1	86	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.738	2.6	85	0.00
29	T	1,1-Dichloropropene	10.000	10.097	-1.0	85	0.00
30	RT	Carbon Tetrachloride	10.000	9.682	3.2	84	0.00
31	t	Isopropyl Ether	10.000	10.487	-4.9	86	0.00
32		Ethyl-t-butyl ether	10.000	10.401	-4.0	86	0.00
33		Tert-Amyl methyl ether	10.000	10.398	-4.0	85	0.00
34	t	Propionitrile	50.000	54.768	-9.5	91	0.00
35	RT	Benzene	10.000	9.718	2.8	84	0.00
36	RT	1,2-Dichloroethane	10.000	10.238	-2.4	90	0.00
37	RT	Trichloroethene	10.000	9.653	3.5	84	0.00
38	Rt	1,2-Dichloropropane	10.000	9.767	2.3	85	0.00
39	t	Methacrylonitrile	10.000	11.385	-13.8	92	0.00
40	t	Methyl acrylate	10.000	9.181	8.2	84	0.00
41	t	Tetrahydrofuran	20.000	20.076	-0.4	90	0.00
42	t	1-Chlorobutane	10.000	10.301	-3.0	86	0.00
43	T	Dibromomethane	10.000	9.857	1.4	88	0.00
44	T	Bromodichloromethane	10.000	10.041	-0.4	88	0.00
45	T	4-Methyl-2-Pentanone	50.000	50.627	-1.3	84	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	19.440	2.8	91	0.00
47	t	Methyl methacrylate	20.000	21.825	-9.1	86	0.00
48	t	Ethyl methacrylate	10.000	9.064	9.4	87	0.00
49	Rt	Toluene	10.000	10.369	-3.7	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.254	-2.5	87	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.095	-1.0	84	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.740	2.6	89	0.00
53	t	1,3-Dichloropropane	10.000	9.965	0.4	88	0.00
54	t	2-Hexanone	50.000	36.928	26.1	60	0.00
55	t	Dibromochloromethane	10.000	9.894	1.1	88	0.00
56	T	1,2-Dibromoethane	10.000	10.054	-0.5	88	0.00
57	S	4-Bromofluorobenzene	1.000	1.021	-2.1	99	0.00
58	RT	Tetrachloroethene	10.000	9.246	7.5	85	0.00
59	Rt	Chlorobenzene	10.000	10.058	-0.6	87	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.726	2.7	86	0.00
61	t	Pentachloroethane	10.000	10.149	-1.5	87	0.00
62	t	Hexachloroethane	10.000	8.994	10.1	81	0.00
63	Rt	Ethyl Benzene	10.000	10.619	-6.2	86	0.00
64	RT	m/p-Xylenes	20.000	21.169	-5.8	85	0.00
65	RT	o-Xylene	10.000	10.529	-5.3	87	0.00
66	RT	Styrene	10.000	10.940	-9.4	86	0.00
67	t	Bromoform	10.000	9.858	1.4	85	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.054	-5.4	97	0.00
69	T	Isopropylbenzene	10.000	10.736	-7.4	86	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.041	-0.4	88	0.00
71	T	1,2,3-Trichloropropane	10.000	10.207	-2.1	90	0.00
72	t	Bromobenzene	10.000	10.054	-0.5	86	0.00
73	t	n-propylbenzene	10.000	9.228	7.7	85	0.00
74	t	2-Chlorotoluene	10.000	10.274	-2.7	86	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.145	8.6	85	0.00
76	t	4-Chlorotoluene	10.000	10.484	-4.8	85	0.00
77	t	tert-Butylbenzene	10.000	9.119	8.8	85	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.150	8.5	84	0.00
79	t	sec-Butylbenzene	10.000	9.078	9.2	83	0.00
80		Nitrobenzene	50.000	42.660	14.7	79	0.00
81	t	p-Isopropyltoluene	10.000	8.987	10.1	81	0.00
82	t	1,3-Dichlorobenzene	10.000	10.173	-1.7	85	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.374	-3.7	86	0.00
84	t	n-Butylbenzene	10.000	8.691	13.1	77	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.349	-3.5	86	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.423	-14.2	87	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	9.238	7.6	83	0.00
88	t	Hexachlorobutadiene	10.000	9.888	1.1	77	0.00
89	t	Naphthalene	10.000	8.771	12.3	81	0.00
90	t	1,2,3-Trichlorobenzene	10.000	9.154	8.5	83	0.00

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