Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013023\
Data File : VU052861.D
Acq On : 30 Jan 2023 10:47
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jan 31 07:33:17 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	88	0.00
2	T	Dichlorodifluoromethane	10.000	8.782	12.2	75	0.00
3	t	Chloromethane	10.000	6.286	37.1#	57	0.00
4	Rt	Vinyl Chloride	10.000	7.728	22.7	67	0.00
5	T	Bromomethane	10.000	11.430	-14.3	96	0.00
6	T	Chloroethane	10.000	10.896	-9.0	95	0.00
7	T	Trichlorofluoromethane	10.000	11.933	-19.3	104	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	11.908	-19.1	104	0.00
9	Rt	1,1-Dichloroethene	10.000	11.253	-12.5	97	0.00
10	t	Iodomethane	10.000	13.083	-30.8#	101	0.00
11	t	Allyl Chloride	10.000	11.877	-18.8	102	0.00
12	t	Acrylonitrile	20.000	24.454	-22.3	101	0.00
13	T	Acetone	50.000	62.425	-24.8	116	-0.02
14	T	Carbon Disulfide	10.000	9.647	3.5	84	0.00
15	RT	Methylene Chloride	10.000	10.698	-7.0	103	0.00
16	RT	trans-1,2-Dichloroethene	10.000	11.158	-11.6	97	0.00
17	t	1,1-Dichloroethane	10.000	12.280	-22.8	107	0.00
18	T	2-Butanone	50.000	63.650	-27.3	114	0.00
19		Cyclohexane	10.000	11.273	-12.7	100	0.00
20		Methylcyclohexane	10.000	10.630	-6.3	85	0.00
21	T	2,2-Dichloropropane	10.000	12.399	-24.0	110	0.00
22	RT	cis-1,2-Dichloroethene	10.000	11.923	-19.2	105	0.00
23	t	Diethyl Ether	10.000	11.563	-15.6	97	0.00
24	t	tert-Butyl Alcohol	100.000	109.702	-9.7	95	-0.06
25	t	Methyl tert-Butyl Ether	10.000	12.646	-26.5	108	0.00
26	t	Bromochloromethane	10.000	10.826	-8.3	97	0.00
27	t	Chloroform	10.000	12.393	-23.9	109	0.00
28	RT	1,1,1-Trichloroethane	10.000	12.663	-26.6	110	0.00
29	T	1,1-Dichloropropene	10.000	11.159	-11.6	96	0.00
30	RT	Carbon Tetrachloride	10.000	12.155	-21.5	103	0.00
31	t	Isopropyl Ether	10.000	12.186	-21.9	107	0.00
32		Ethyl-t-butyl ether	10.000	12.786	-27.9	109	0.00
33		Tert-Amyl methyl ether	10.000	11.878	-18.8	98	0.00
34	t	Propionitrile	50.000	62.733	-25.5	106	-0.02
35	RT	Benzene	10.000	11.066	-10.7	95	0.00
36	RT	1,2-Dichloroethane	10.000	11.628	-16.3	101	0.00
37	RT	Trichloroethene	10.000	10.823	-8.2	92	0.00
38	Rt	1,2-Dichloropropane	10.000	11.302	-13.0	95	0.00
39	t	Methacrylonitrile	10.000	12.376	-23.8	105	0.00
40	t	Methyl acrylate	10.000	11.316	-13.2	92	0.00
41	t	Tetrahydrofuran	20.000	23.588	-17.9	107	0.00
42	t	1-Chlorobutane	10.000	11.518	-15.2	100	0.00
43	T	Dibromomethane	10.000	11.030	-10.3	96	0.00
44	T	Bromodichloromethane	10.000	11.427	-14.3	99	0.00
45	T	4-Methyl-2-Pentanone	50.000	56.847	-13.7	90	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	19.737	1.3	85	0.00
47	t	Methyl methacrylate	20.000	23.246	-16.2	90	0.00
48	t	Ethyl methacrylate	10.000	11.545	-15.4	87	0.00
49	Rt	Toluene	10.000	11.421	-14.2	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.289	-12.9	91	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.146	-11.5	93	0.00
52	RT	1,1,2-Trichloroethane	10.000	11.364	-13.6	96	0.00
53	t	1,3-Dichloropropane	10.000	11.231	-12.3	94	0.00
54	t	2-Hexanone	50.000	58.118	-16.2	93	0.00
55	t	Dibromochloromethane	10.000	11.300	-13.0	97	0.00
56	T	1,2-Dibromoethane	10.000	10.834	-8.3	92	0.00
57	S	4-Bromofluorobenzene	1.000	1.299	-29.9	108	0.00
58	RT	Tetrachloroethene	10.000	11.211	-12.1	96	0.00
59	Rt	Chlorobenzene	10.000	11.294	-12.9	94	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	11.533	-15.3	99	0.00
61	t	Pentachloroethane	10.000	11.057	-10.6	94	0.00
62	t	Hexachloroethane	10.000	11.545	-15.4	95	0.00
63	Rt	Ethyl Benzene	10.000	12.049	-20.5	93	0.00
64	RT	m/p-Xylenes	20.000	24.922	-24.6	94	0.00
65	RT	o-Xylene	10.000	12.274	-22.7	95	0.00
66	RT	Styrene	10.000	10.594	-5.9	96	0.00
67	t	Bromoform	10.000	10.812	-8.1	94	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.192	-19.2	97	0.00
69	T	Isopropylbenzene	10.000	12.545	-25.4	95	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	11.385	-13.8	95	0.00
71	T	1,2,3-Trichloropropane	10.000	10.289	-2.9	85	0.00
72	t	Bromobenzene	10.000	11.702	-17.0	96	0.00
73	t	n-propylbenzene	10.000	10.672	-6.7	97	0.00
74	t	2-Chlorotoluene	10.000	12.393	-23.9	97	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.888	-8.9	98	0.00
76	t	4-Chlorotoluene	10.000	12.792	-27.9	99	0.00
77	t	tert-Butylbenzene	10.000	12.501	-25.0	96	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.797	-8.0	98	0.00
79	t	sec-Butylbenzene	10.000	10.561	-5.6	96	0.00
80		Nitrobenzene	50.000	49.966	0.1	85	0.00
81	t	p-Isopropyltoluene	10.000	10.636	-6.4	97	0.00
82	t	1,3-Dichlorobenzene	10.000	12.102	-21.0	98	0.00
83	Rt	1,4-Dichlorobenzene	10.000	12.620	-26.2	100	0.00
84	t	n-Butylbenzene	10.000	10.340	-3.4	95	0.00
85	Rt	1,2-Dichlorobenzene	10.000	12.196	-22.0	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.269	-12.7	96	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.893	-18.9	91	0.00
88	t	Hexachlorobutadiene	10.000	12.249	-22.5	101	0.00
89	t	Naphthalene	10.000	10.226	-2.3	83	0.00
90	t	1,2,3-Trichlorobenzene	10.000	12.174	-21.7	93	0.00

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