Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013023\
Data File : VU052870.D
Acq On : 30 Jan 2023 19:44
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jan 31 13:21:57 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	82	0.00
2	T	Dichlorodifluoromethane	10.000	8.448	15.5	67	0.00
3	t	Chloromethane	10.000	5.972	40.3#	51	0.00
4	Rt	Vinyl Chloride	10.000	6.922	30.8#	56	0.00
5	T	Bromomethane	10.000	9.602	4.0	75	0.00
6	T	Chloroethane	10.000	9.340	6.6	76	0.00
7	T	Trichlorofluoromethane	10.000	10.630	-6.3	86	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	11.249	-12.5	92	0.00
9	Rt	1,1-Dichloroethene	10.000	10.725	-7.2	86	0.00
10	t	Iodomethane	10.000	12.600	-26.0	91	0.00
11	t	Allyl Chloride	10.000	11.183	-11.8	89	0.00
12	t	Acrylonitrile	20.000	23.290	-16.4	90	0.00
13	T	Acetone	50.000	45.389	9.2	79	0.00
14	T	Carbon Disulfide	10.000	8.904	11.0	73	0.00
15	RT	Methylene Chloride	10.000	11.451	-14.5	103	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.654	-6.5	87	0.00
17	t	1,1-Dichloroethane	10.000	11.484	-14.8	94	0.00
18	T	2-Butanone	50.000	47.580	4.8	79	0.00
19		Cyclohexane	10.000	9.246	7.5	76	0.00
20		Methylcyclohexane	10.000	9.242	7.6	69	0.00
21	T	2,2-Dichloropropane	10.000	11.096	-11.0	92	0.00
22	RT	cis-1,2-Dichloroethene	10.000	11.080	-10.8	91	0.00
23	t	Diethyl Ether	10.000	11.125	-11.3	87	0.00
24	t	tert-Butyl Alcohol	100.000	127.278	-27.3	103	-0.02
25	t	Methyl tert-Butyl Ether	10.000	11.781	-17.8	94	0.00
26	t	Bromochloromethane	10.000	10.723	-7.2	90	0.00
27	t	Chloroform	10.000	12.034	-20.3	98	0.00
28	RT	1,1,1-Trichloroethane	10.000	12.010	-20.1	97	0.00
29	T	1,1-Dichloropropene	10.000	10.047	-0.5	81	0.00
30	RT	Carbon Tetrachloride	10.000	11.385	-13.8	90	0.00
31	t	Isopropyl Ether	10.000	11.096	-11.0	91	0.00
32		Ethyl-t-butyl ether	10.000	11.994	-19.9	95	0.00
33		Tert-Amyl methyl ether	10.000	10.932	-9.3	84	0.00
34	t	Propionitrile	50.000	62.631	-25.3	99	0.00
35	RT	Benzene	10.000	10.117	-1.2	81	0.00
36	RT	1,2-Dichloroethane	10.000	10.896	-9.0	88	0.00
37	RT	Trichloroethene	10.000	9.747	2.5	77	0.00
38	Rt	1,2-Dichloropropane	10.000	10.452	-4.5	82	0.00
39	t	Methacrylonitrile	10.000	10.990	-9.9	87	0.00
40	t	Methyl acrylate	10.000	10.554	-5.5	80	0.00
41	t	Tetrahydrofuran	20.000	21.649	-8.2	91	0.00
42	t	1-Chlorobutane	10.000	10.319	-3.2	84	0.00
43	T	Dibromomethane	10.000	10.548	-5.5	86	0.00
44	T	Bromodichloromethane	10.000	10.787	-7.9	88	0.00
45	T	4-Methyl-2-Pentanone	50.000	51.418	-2.8	76	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	18.211	8.9	73	0.00
47	t	Methyl methacrylate	20.000	21.266	-6.3	77	0.00
48	t	Ethyl methacrylate	10.000	9.934	0.7	70	0.00
49	Rt	Toluene	10.000	10.297	-3.0	79	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	9.854	1.5	74	0.00
51	T	cis-1,3-Dichloropropene	10.000	9.564	4.4	74	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.780	-7.8	85	0.00
53	t	1,3-Dichloropropane	10.000	10.219	-2.2	80	0.00
54	t	2-Hexanone	50.000	44.236	11.5	66	0.00
55	t	Dibromochloromethane	10.000	10.440	-4.4	83	0.00
56	T	1,2-Dibromoethane	10.000	10.161	-1.6	80	0.00
57	S	4-Bromofluorobenzene	1.000	1.064	-6.4	82	0.00
58	RT	Tetrachloroethene	10.000	10.218	-2.2	81	0.00
59	Rt	Chlorobenzene	10.000	9.971	0.3	77	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.583	-5.8	85	0.00
61	t	Pentachloroethane	10.000	9.399	6.0	75	0.00
62	t	Hexachloroethane	10.000	9.135	8.7	70	0.00
63	Rt	Ethyl Benzene	10.000	10.415	-4.1	75	0.00
64	RT	m/p-Xylenes	20.000	22.616	-13.1	80	0.00
65	RT	o-Xylene	10.000	10.704	-7.0	77	0.00
66	RT	Styrene	10.000	9.659	3.4	81	0.00
67	t	Bromoform	10.000	10.360	-3.6	84	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.091	-9.1	83	0.00
69	T	Isopropylbenzene	10.000	10.704	-7.0	76	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.472	-4.7	82	0.00
71	T	1,2,3-Trichloropropane	10.000	5.902	41.0#	46	0.00
72	t	Bromobenzene	10.000	10.653	-6.5	82	0.00
73	t	n-propylbenzene	10.000	9.546	4.5	80	0.00
74	t	2-Chlorotoluene	10.000	11.374	-13.7	83	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.607	3.9	80	0.00
76	t	4-Chlorotoluene	10.000	11.304	-13.0	81	0.00
77	t	tert-Butylbenzene	10.000	10.053	-0.5	72	0.00
78	t	1,2,4-Trimethylbenzene	10.000	8.763	12.4	74	0.00
79	t	sec-Butylbenzene	10.000	8.406	15.9	70	0.00
80		Nitrobenzene	50.000	39.809	20.4	63	0.00
81	t	p-Isopropyltoluene	10.000	8.657	13.4	73	0.00
82	t	1,3-Dichlorobenzene	10.000	10.401	-4.0	79	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.397	-4.0	77	0.00
84	t	n-Butylbenzene	10.000	7.862	21.4	67	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.652	-6.5	80	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	8.828	11.7	70	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.104	-1.0	72	0.00
88	t	Hexachlorobutadiene	10.000	11.067	-10.7	85	0.00
89	t	Naphthalene	10.000	8.241	17.6	63	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.893	-8.9	78	0.00

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