Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072723\
Data File : VU054903.D
Acq On : 27 Jul 2023 18:56
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 28 05:49:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 26 09:45:35 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	95	0.00
2	T	Dichlorodifluoromethane	10.000	9.303	7.0	90	0.00
3	t	Chloromethane	10.000	9.454	5.5	94	0.00
4	Rt	Vinyl Chloride	10.000	9.616	3.8	93	0.00
5	T	Bromomethane	10.000	8.873	11.3	85	0.00
6	T	Chloroethane	10.000	9.135	8.7	83	0.00
7	T	Trichlorofluoromethane	10.000	8.448	15.5	84	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.242	7.6	93	0.00
9	Rt	1,1-Dichloroethene	10.000	9.626	3.7	92	0.00
10	t	Iodomethane	10.000	10.055	-0.5	93	0.00
11	t	Allyl Chloride	10.000	9.045	9.6	89	0.00
12	t	Acrylonitrile	20.000	21.976	-9.9	105	0.00
13	T	Acetone	50.000	39.783	20.4	78	0.00
14	T	Carbon Disulfide	10.000	8.669	13.3	89	0.00
15	RT	Methylene Chloride	10.000	11.127	-11.3	110	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.910	0.9	97	0.00
17	t	1,1-Dichloroethane	10.000	9.807	1.9	97	0.00
18	T	2-Butanone	50.000	52.489	-5.0	93	0.00
19		Cyclohexane	10.000	10.348	-3.5	99	0.00
20		Methylcyclohexane	10.000	9.442	5.6	89	0.00
21	T	2,2-Dichloropropane	10.000	8.181	18.2	83	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.840	1.6	94	0.00
23	t	Diethyl Ether	10.000	10.056	-0.6	99	0.00
24	t	tert-Butyl Alcohol	100.000	100.318	-0.3	117	-0.02
25	t	Methyl tert-Butyl Ether	10.000	10.832	-8.3	103	0.00
26	t	Bromochloromethane	10.000	10.538	-5.4	101	0.00
27	t	Chloroform	10.000	10.333	-3.3	99	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.614	3.9	94	0.00
29	T	1,1-Dichloropropene	10.000	9.488	5.1	92	0.00
30	RT	Carbon Tetrachloride	10.000	9.696	3.0	95	0.00
31	t	Isopropyl Ether	10.000	9.976	0.2	96	0.00
32		Ethyl-t-butyl ether	10.000	10.141	-1.4	99	0.00
33		Tert-Amyl methyl ether	10.000	10.480	-4.8	102	0.00
34	t	Propionitrile	50.000	63.913	-27.8	106	0.00
35	RT	Benzene	10.000	9.853	1.5	94	0.00
36	RT	1,2-Dichloroethane	10.000	10.384	-3.8	100	0.00
37	RT	Trichloroethene	10.000	10.159	-1.6	98	0.00
38	Rt	1,2-Dichloropropane	10.000	10.164	-1.6	95	0.00
39	t	Methacrylonitrile	10.000	10.681	-6.8	98	0.00
40	t	Methyl acrylate	10.000	11.309	-13.1	97	0.00
41	t	Tetrahydrofuran	20.000	20.668	-3.3	106	0.00
42	t	1-Chlorobutane	10.000	9.414	5.9	95	0.00
43	T	Dibromomethane	10.000	10.752	-7.5	99	0.00
44	T	Bromodichloromethane	10.000	10.560	-5.6	98	0.00
45	T	4-Methyl-2-Pentanone	50.000	59.277	-18.6	111	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	20.454	-2.3	82	0.00
47	t	Methyl methacrylate	20.000	23.584	-17.9	106	0.00
48	t	Ethyl methacrylate	10.000	11.817	-18.2	105	0.00
49	Rt	Toluene	10.000	10.152	-1.5	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.569	-5.7	98	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.015	-0.2	93	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.689	-6.9	104	0.00
53	t	1,3-Dichloropropane	10.000	10.939	-9.4	104	0.00
54	t	2-Hexanone	50.000	56.750	-13.5	101	0.00
55	t	Dibromochloromethane	10.000	10.919	-9.2	101	0.00
56	T	1,2-Dibromoethane	10.000	11.405	-14.0	104	0.00
57	S	4-Bromofluorobenzene	1.000	1.013	-1.3	91	0.00
58	RT	Tetrachloroethene	10.000	10.409	-4.1	102	0.00
59	Rt	Chlorobenzene	10.000	10.073	-0.7	97	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.432	-4.3	99	0.00
61	t	Pentachloroethane	10.000	9.984	0.2	90	0.00
62	t	Hexachloroethane	10.000	10.546	-5.5	94	0.00
63	Rt	Ethyl Benzene	10.000	10.294	-2.9	96	0.00
64	RT	m/p-Xylenes	20.000	20.847	-4.2	98	0.00
65	RT	o-Xylene	10.000	10.107	-1.1	95	0.00
66	RT	Styrene	10.000	10.737	-7.4	97	0.00
67	t	Bromoform	10.000	12.132	-21.3	102	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.067	-6.7	103	0.00
69	T	Isopropylbenzene	10.000	10.258	-2.6	96	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	11.292	-12.9	103	0.00
71	T	1,2,3-Trichloropropane	10.000	10.422	-4.2	101	0.00
72	t	Bromobenzene	10.000	10.712	-7.1	98	0.00
73	t	n-propylbenzene	10.000	10.290	-2.9	94	0.00
74	t	2-Chlorotoluene	10.000	10.537	-5.4	97	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.556	-5.6	96	0.00
76	t	4-Chlorotoluene	10.000	10.636	-6.4	95	0.00
77	t	tert-Butylbenzene	10.000	10.308	-3.1	95	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.687	-6.9	97	0.00
79	t	sec-Butylbenzene	10.000	10.516	-5.2	95	0.00
80		Nitrobenzene	50.000	57.798	-15.6	97	0.00
81	t	p-Isopropyltoluene	10.000	10.858	-8.6	95	0.00
82	t	1,3-Dichlorobenzene	10.000	10.478	-4.8	99	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.554	-5.5	99	0.00
84	t	n-Butylbenzene	10.000	10.582	-5.8	89	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.599	-6.0	102	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	12.125	-21.3	104	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.374	-3.7	95	0.00
88	t	Hexachlorobutadiene	10.000	10.628	-6.3	97	0.00
89	t	Naphthalene	10.000	10.544	-5.4	96	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.362	-3.6	98	0.00

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