Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072823\
Data File : VU054905.D
Acq On : 28 Jul 2023 10:05
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 28 23:06:05 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	98	0.00
2	T	Dichlorodifluoromethane	10.000	9.631	3.7	97	0.00
3	t	Chloromethane	10.000	9.379	6.2	96	0.00
4	Rt	Vinyl Chloride	10.000	9.438	5.6	95	0.00
5	T	Bromomethane	10.000	8.922	10.8	89	0.00
6	T	Chloroethane	10.000	8.946	10.5	85	0.00
7	T	Trichlorofluoromethane	10.000	8.207	17.9	85	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.509	4.9	99	0.00
9	Rt	1,1-Dichloroethene	10.000	9.234	7.7	92	0.00
10	t	Iodomethane	10.000	9.666	3.3	93	0.00
11	t	Allyl Chloride	10.000	9.598	4.0	98	0.00
12	t	Acrylonitrile	20.000	19.171	4.1	95	0.00
13	T	Acetone	50.000	56.612	-13.2	116	0.00
14	T	Carbon Disulfide	10.000	8.651	13.5	92	0.00
15	RT	Methylene Chloride	10.000	10.087	-0.9	104	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.847	1.5	100	0.00
17	t	1,1-Dichloroethane	10.000	9.789	2.1	100	0.00
18	T	2-Butanone	50.000	56.125	-12.3	104	0.00
19		Cyclohexane	10.000	10.416	-4.2	104	0.00
20		Methylcyclohexane	10.000	9.532	4.7	94	0.00
21	T	2,2-Dichloropropane	10.000	9.464	5.4	100	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.175	-1.8	101	0.00
23	t	Diethyl Ether	10.000	8.944	10.6	91	0.00
24	t	tert-Butyl Alcohol	100.000	95.867	4.1	116	-0.03
25	t	Methyl tert-Butyl Ether	10.000	9.737	2.6	96	0.00
26	t	Bromochloromethane	10.000	9.602	4.0	96	0.00
27	t	Chloroform	10.000	10.067	-0.7	100	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.589	4.1	97	0.00
29	T	1,1-Dichloropropene	10.000	9.355	6.4	94	0.00
30	RT	Carbon Tetrachloride	10.000	9.869	1.3	101	0.00
31	t	Isopropyl Ether	10.000	9.821	1.8	98	0.00
32		Ethyl-t-butyl ether	10.000	9.613	3.9	97	0.00
33		Tert-Amyl methyl ether	10.000	9.611	3.9	97	0.00
34	t	Propionitrile	50.000	55.532	-11.1	96	0.00
35	RT	Benzene	10.000	9.722	2.8	97	0.00
36	RT	1,2-Dichloroethane	10.000	9.940	0.6	100	0.00
37	RT	Trichloroethene	10.000	9.749	2.5	97	0.00
38	Rt	1,2-Dichloropropane	10.000	10.070	-0.7	98	0.00
39	t	Methacrylonitrile	10.000	10.219	-2.2	97	0.00
40	t	Methyl acrylate	10.000	11.008	-10.1	98	0.00
41	t	Tetrahydrofuran	20.000	18.362	8.2	98	0.00
42	t	1-Chlorobutane	10.000	9.531	4.7	100	0.00
43	T	Dibromomethane	10.000	10.172	-1.7	97	0.00
44	T	Bromodichloromethane	10.000	10.274	-2.7	99	0.00
45	T	4-Methyl-2-Pentanone	50.000	50.633	-1.3	98	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	22.787	-13.9	95	0.00
47	t	Methyl methacrylate	20.000	20.927	-4.6	97	0.00
48	t	Ethyl methacrylate	10.000	10.427	-4.3	96	0.00
49	Rt	Toluene	10.000	9.968	0.3	99	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.253	-2.5	99	0.00
51	T	cis-1,3-Dichloropropene	10.000	9.644	3.6	93	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.851	1.5	100	0.00
53	t	1,3-Dichloropropane	10.000	10.188	-1.9	101	0.00
54	t	2-Hexanone	50.000	53.127	-6.3	98	0.00
55	t	Dibromochloromethane	10.000	10.039	-0.4	97	0.00
56	T	1,2-Dibromoethane	10.000	10.305	-3.0	98	0.00
57	S	4-Bromofluorobenzene	1.000	1.279	-27.9	119	0.00
58	RT	Tetrachloroethene	10.000	10.194	-1.9	103	0.00
59	Rt	Chlorobenzene	10.000	9.783	2.2	98	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.989	0.1	98	0.00
61	t	Pentachloroethane	10.000	9.910	0.9	93	0.00
62	t	Hexachloroethane	10.000	10.638	-6.4	98	0.00
63	Rt	Ethyl Benzene	10.000	10.093	-0.9	98	0.00
64	RT	m/p-Xylenes	20.000	20.530	-2.7	100	0.00
65	RT	o-Xylene	10.000	10.057	-0.6	98	0.00
66	RT	Styrene	10.000	10.274	-2.7	97	0.00
67	t	Bromoform	10.000	11.201	-12.0	98	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.065	-6.5	107	0.00
69	T	Isopropylbenzene	10.000	10.158	-1.6	99	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.273	-2.7	97	0.00
71	T	1,2,3-Trichloropropane	10.000	9.689	3.1	98	0.00
72	t	Bromobenzene	10.000	10.308	-3.1	98	0.00
73	t	n-propylbenzene	10.000	10.341	-3.4	98	0.00
74	t	2-Chlorotoluene	10.000	10.329	-3.3	99	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.430	-4.3	99	0.00
76	t	4-Chlorotoluene	10.000	10.364	-3.6	96	0.00
77	t	tert-Butylbenzene	10.000	10.221	-2.2	98	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.419	-4.2	98	0.00
79	t	sec-Butylbenzene	10.000	10.501	-5.0	99	0.00
80		Nitrobenzene	50.000	54.177	-8.4	95	0.00
81	t	p-Isopropyltoluene	10.000	10.726	-7.3	98	0.00
82	t	1,3-Dichlorobenzene	10.000	10.071	-0.7	99	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.257	-2.6	100	0.00
84	t	n-Butylbenzene	10.000	10.527	-5.3	91	0.00
85	Rt	1,2-Dichlorobenzene	10.000	9.884	1.2	99	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.372	-3.7	92	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	9.848	1.5	94	0.00
88	t	Hexachlorobutadiene	10.000	10.295	-2.9	98	0.00
89	t	Naphthalene	10.000	9.065	9.4	86	0.00
90	t	1,2,3-Trichlorobenzene	10.000	9.598	4.0	94	0.00

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