Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012423\
Data File : VU052781.D
Acq On : 24 Jan 2023 10:11
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 25 01:29:52 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	96	0.00
2	T	Dichlorodifluoromethane	10.000	9.865	1.3	92	0.00
3	t	Chloromethane	10.000	8.703	13.0	87	0.00
4	Rt	Vinyl Chloride	10.000	9.286	7.1	88	0.00
5	T	Bromomethane	10.000	10.208	-2.1	94	0.00
6	T	Chloroethane	10.000	9.380	6.2	90	0.00
7	T	Trichlorofluoromethane	10.000	9.922	0.8	94	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.487	-4.9	100	0.00
9	Rt	1,1-Dichloroethene	10.000	10.247	-2.5	97	0.00
10	t	Iodomethane	10.000	11.442	-14.4	97	0.00
11	t	Allyl Chloride	10.000	10.954	-9.5	103	0.00
12	t	Acrylonitrile	20.000	21.361	-6.8	96	0.00
13	T	Acetone	50.000	59.816	-19.6	122	0.00
14	T	Carbon Disulfide	10.000	10.103	-1.0	97	0.00
15	RT	Methylene Chloride	10.000	9.781	2.2	103	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.404	-4.0	99	0.00
17	t	1,1-Dichloroethane	10.000	10.848	-8.5	104	0.00
18	T	2-Butanone	50.000	56.147	-12.3	110	0.00
19		Cyclohexane	10.000	10.655	-6.5	103	0.00
20		Methylcyclohexane	10.000	10.518	-5.2	92	0.00
21	T	2,2-Dichloropropane	10.000	10.337	-3.4	101	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.694	-6.9	103	0.00
23	t	Diethyl Ether	10.000	9.694	3.1	89	0.00
24	t	tert-Butyl Alcohol	100.000	92.475	7.5	87	0.06
25	t	Methyl tert-Butyl Ether	10.000	10.473	-4.7	98	0.00
26	t	Bromochloromethane	10.000	10.042	-0.4	99	0.00
27	t	Chloroform	10.000	10.780	-7.8	103	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.456	-4.6	99	0.00
29	T	1,1-Dichloropropene	10.000	10.159	-1.6	95	0.00
30	RT	Carbon Tetrachloride	10.000	10.452	-4.5	97	0.00
31	t	Isopropyl Ether	10.000	10.615	-6.2	102	0.00
32		Ethyl-t-butyl ether	10.000	10.379	-3.8	97	0.00
33		Tert-Amyl methyl ether	10.000	10.369	-3.7	94	0.00
34	t	Propionitrile	50.000	50.971	-1.9	95	0.00
35	RT	Benzene	10.000	10.212	-2.1	96	0.00
36	RT	1,2-Dichloroethane	10.000	10.002	-0.0	95	0.00
37	RT	Trichloroethene	10.000	10.033	-0.3	94	0.00
38	Rt	1,2-Dichloropropane	10.000	10.063	-0.6	93	0.00
39	t	Methacrylonitrile	10.000	10.006	-0.1	93	0.00
40	t	Methyl acrylate	10.000	10.403	-4.0	92	0.00
41	t	Tetrahydrofuran	20.000	20.510	-2.6	102	0.00
42	t	1-Chlorobutane	10.000	10.642	-6.4	102	0.00
43	T	Dibromomethane	10.000	9.741	2.6	93	0.00
44	T	Bromodichloromethane	10.000	9.929	0.7	95	0.00
45	T	4-Methyl-2-Pentanone	50.000	50.586	-1.2	87	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	20.658	-3.3	98	0.00
47	t	Methyl methacrylate	20.000	20.725	-3.6	88	0.00
48	t	Ethyl methacrylate	10.000	10.502	-5.0	87	0.00
49	Rt	Toluene	10.000	10.575	-5.7	95	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.293	-2.9	91	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.124	-1.2	92	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.833	1.7	91	0.00
53	t	1,3-Dichloropropane	10.000	9.938	0.6	91	0.00
54	t	2-Hexanone	50.000	54.989	-10.0	96	0.00
55	t	Dibromochloromethane	10.000	9.797	2.0	92	0.00
56	T	1,2-Dibromoethane	10.000	9.798	2.0	91	0.00
57	S	4-Bromofluorobenzene	1.000	1.141	-14.1	103	0.00
58	RT	Tetrachloroethene	10.000	10.206	-2.1	95	0.00
59	Rt	Chlorobenzene	10.000	10.396	-4.0	94	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.969	0.3	93	0.00
61	t	Pentachloroethane	10.000	9.919	0.8	92	0.00
62	t	Hexachloroethane	10.000	10.111	-1.1	91	0.00
63	Rt	Ethyl Benzene	10.000	11.095	-11.0	94	0.00
64	RT	m/p-Xylenes	20.000	22.923	-14.6	95	0.00
65	RT	o-Xylene	10.000	11.199	-12.0	95	0.00
66	RT	Styrene	10.000	9.558	4.4	94	0.00
67	t	Bromoform	10.000	9.705	2.9	93	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.050	-5.0	93	0.00
69	T	Isopropylbenzene	10.000	11.415	-14.1	95	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.762	2.4	89	0.00
71	T	1,2,3-Trichloropropane	10.000	10.043	-0.4	91	0.00
72	t	Bromobenzene	10.000	10.549	-5.5	95	0.00
73	t	n-propylbenzene	10.000	9.705	2.9	96	0.00
74	t	2-Chlorotoluene	10.000	11.178	-11.8	96	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.635	3.7	94	0.00
76	t	4-Chlorotoluene	10.000	11.120	-11.2	94	0.00
77	t	tert-Butylbenzene	10.000	11.422	-14.2	96	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.658	3.4	96	0.00
79	t	sec-Butylbenzene	10.000	9.490	5.1	94	0.00
80		Nitrobenzene	50.000	36.644	26.7	68	0.00
81	t	p-Isopropyltoluene	10.000	9.438	5.6	93	0.00
82	t	1,3-Dichlorobenzene	10.000	10.741	-7.4	95	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.602	-6.0	92	0.00
84	t	n-Butylbenzene	10.000	9.224	7.8	93	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.468	-4.7	92	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	8.975	10.3	84	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.418	-4.2	87	0.00
88	t	Hexachlorobutadiene	10.000	10.330	-3.3	93	0.00
89	t	Naphthalene	10.000	8.885	11.2	79	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.339	-3.4	87	0.00

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