Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020624\
Data File : VU057812.D
Acq On : 06 Feb 2024 09:08
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 07 02:57:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 06 02:05:40 2024
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	103	0.00
2	T	Dichlorodifluoromethane	10.000	10.340	-3.4	100	0.00
3	t	Chloromethane	10.000	10.037	-0.4	100	0.00
4	Rt	Vinyl Chloride	10.000	10.377	-3.8	101	0.00
5	T	Bromomethane	10.000	10.841	-8.4	106	0.00
6	T	Chloroethane	10.000	10.030	-0.3	95	0.00
7	T	Trichlorofluoromethane	10.000	10.138	-1.4	95	0.02
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.302	-3.0	99	0.02
9	Rt	1,1-Dichloroethene	10.000	10.079	-0.8	99	0.02
10	t	Iodomethane	10.000	10.028	-0.3	101	0.02
11	t	Allyl Chloride	10.000	10.104	-1.0	97	0.01
12	t	Acrylonitrile	20.000	20.217	-1.1	93	0.00
13	T	Acetone	50.000	47.409	5.2	98	0.00
14	T	Carbon Disulfide	10.000	10.032	-0.3	99	0.02
15	RT	Methylene Chloride	10.000	9.078	9.2	100	0.01
16	RT	trans-1,2-Dichloroethene	10.000	10.296	-3.0	100	0.00
17	t	1,1-Dichloroethane	10.000	10.264	-2.6	98	0.00
18	T	2-Butanone	50.000	52.447	-4.9	95	0.00
19		Cyclohexane	10.000	10.220	-2.2	96	0.00
20		Methylcyclohexane	10.000	10.634	-6.3	102	0.00
21	T	2,2-Dichloropropane	10.000	10.171	-1.7	98	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.956	0.4	96	0.00
23	t	Diethyl Ether	10.000	9.895	1.1	96	0.00
24	t	tert-Butyl Alcohol	100.000	93.673	6.3	115	0.03
25	t	Methyl tert-Butyl Ether	10.000	10.213	-2.1	99	0.00
26	t	Bromochloromethane	10.000	10.204	-2.0	99	0.00
27	t	Chloroform	10.000	10.193	-1.9	98	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.031	-0.3	99	0.00
29	T	1,1-Dichloropropene	10.000	10.283	-2.8	99	0.00
30	RT	Carbon Tetrachloride	10.000	10.441	-4.4	100	0.00
31	t	Isopropyl Ether	10.000	10.373	-3.7	98	0.00
32		Ethyl-t-butyl ether	10.000	10.077	-0.8	96	0.00
33		Tert-Amyl methyl ether	10.000	10.206	-2.1	98	0.00
34	t	Propionitrile	50.000	51.504	-3.0	96	0.00
35	RT	Benzene	10.000	10.269	-2.7	100	0.00
36	RT	1,2-Dichloroethane	10.000	10.361	-3.6	99	0.00
37	RT	Trichloroethene	10.000	10.335	-3.4	100	0.00
38	Rt	1,2-Dichloropropane	10.000	10.430	-4.3	100	0.00
39	t	Methacrylonitrile	10.000	10.288	-2.9	93	0.00
40	t	Methyl acrylate	10.000	10.528	-5.3	93	0.00
41	t	Tetrahydrofuran	20.000	20.386	-1.9	96	0.00
42	t	1-Chlorobutane	10.000	10.311	-3.1	99	0.00
43	T	Dibromomethane	10.000	10.452	-4.5	98	0.00
44	T	Bromodichloromethane	10.000	10.466	-4.7	99	0.00
45	T	4-Methyl-2-Pentanone	50.000	52.332	-4.7	97	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	16.753	16.2	88	0.00
47	t	Methyl methacrylate	20.000	20.684	-3.4	96	0.00
48	t	Ethyl methacrylate	10.000	10.452	-4.5	98	0.00
49	Rt	Toluene	10.000	10.532	-5.3	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.875	-8.8	101	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.617	-6.2	101	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.409	-4.1	99	0.00
53	t	1,3-Dichloropropane	10.000	10.380	-3.8	100	0.00
54	t	2-Hexanone	50.000	52.902	-5.8	97	0.00
55	t	Dibromochloromethane	10.000	10.822	-8.2	101	0.00
56	T	1,2-Dibromoethane	10.000	10.418	-4.2	98	0.00
57	S	4-Bromofluorobenzene	1.000	1.108	-10.8	111	0.00
58	RT	Tetrachloroethene	10.000	10.303	-3.0	101	0.00
59	Rt	Chlorobenzene	10.000	10.573	-5.7	101	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.749	-7.5	100	0.00
61	t	Pentachloroethane	10.000	10.605	-6.1	96	0.00
62	t	Hexachloroethane	10.000	11.142	-11.4	101	0.00
63	Rt	Ethyl Benzene	10.000	10.615	-6.2	101	0.00
64	RT	m/p-Xylenes	20.000	21.394	-7.0	101	0.00
65	RT	o-Xylene	10.000	10.572	-5.7	101	0.00
66	RT	Styrene	10.000	10.814	-8.1	100	0.00
67	t	Bromoform	10.000	11.143	-11.4	101	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.007	-0.7	100	0.00
69	T	Isopropylbenzene	10.000	10.744	-7.4	101	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.383	-3.8	97	0.00
71	T	1,2,3-Trichloropropane	10.000	11.708	-17.1	115	-0.01
72	t	Bromobenzene	10.000	10.344	-3.4	99	0.00
73	t	n-propylbenzene	10.000	10.927	-9.3	100	0.00
74	t	2-Chlorotoluene	10.000	10.749	-7.5	102	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.842	-8.4	100	0.00
76	t	4-Chlorotoluene	10.000	10.707	-7.1	99	0.00
77	t	tert-Butylbenzene	10.000	10.679	-6.8	99	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.743	-7.4	100	0.00
79	t	sec-Butylbenzene	10.000	10.933	-9.3	101	0.00
80		Nitrobenzene	50.000	40.163	19.7	81	0.00
81	t	p-Isopropyltoluene	10.000	11.141	-11.4	102	0.00
82	t	1,3-Dichlorobenzene	10.000	10.658	-6.6	101	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.827	-8.3	103	0.00
84	t	n-Butylbenzene	10.000	11.362	-13.6	102	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.310	-3.1	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.428	-4.3	97	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.232	-12.3	101	0.00
88	t	Hexachlorobutadiene	10.000	10.894	-8.9	100	0.00
89	t	Naphthalene	10.000	9.975	0.3	91	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.547	-5.5	95	0.00

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