Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020923\
Data File : VU053013.D
Acq On : 09 Feb 2023 10:31
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 09 13:46:08 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	81	0.00
2	T	Dichlorodifluoromethane	10.000	8.463	15.4	67	0.00
3	t	Chloromethane	10.000	8.412	15.9	71	0.00
4	Rt	Vinyl Chloride	10.000	10.071	-0.7	80	0.00
5	T	Bromomethane	10.000	11.577	-15.8	89	0.00
6	T	Chloroethane	10.000	11.198	-12.0	90	0.00
7	T	Trichlorofluoromethane	10.000	11.356	-13.6	91	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	11.170	-11.7	90	0.00
9	Rt	1,1-Dichloroethene	10.000	10.845	-8.5	86	0.00
10	t	Iodomethane	10.000	12.522	-25.2	89	0.00
11	t	Allyl Chloride	10.000	11.830	-18.3	93	0.00
12	t	Acrylonitrile	20.000	24.017	-20.1	91	0.00
13	T	Acetone	50.000	72.491	-45.0#	124	0.00
14	T	Carbon Disulfide	10.000	9.382	6.2	75	0.00
15	RT	Methylene Chloride	10.000	10.382	-3.8	92	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.439	-4.4	84	0.00
17	t	1,1-Dichloroethane	10.000	12.102	-21.0	97	0.00
18	T	2-Butanone	50.000	71.110	-42.2#	117	0.00
19		Cyclohexane	10.000	10.636	-6.4	87	0.00
20		Methylcyclohexane	10.000	10.456	-4.6	77	0.00
21	T	2,2-Dichloropropane	10.000	11.910	-19.1	97	0.00
22	RT	cis-1,2-Dichloroethene	10.000	11.156	-11.6	90	0.00
23	t	Diethyl Ether	10.000	11.627	-16.3	90	0.00
24	t	tert-Butyl Alcohol	100.000	130.415	-30.4#	104	0.06
25	t	Methyl tert-Butyl Ether	10.000	13.074	-30.7#	103	0.00
26	t	Bromochloromethane	10.000	10.060	-0.6	83	0.00
27	t	Chloroform	10.000	11.242	-12.4	91	0.00
28	RT	1,1,1-Trichloroethane	10.000	11.102	-11.0	89	0.00
29	T	1,1-Dichloropropene	10.000	9.684	3.2	76	0.00
30	RT	Carbon Tetrachloride	10.000	8.888	11.1	69	0.00
31	t	Isopropyl Ether	10.000	12.233	-22.3	98	0.00
32		Ethyl-t-butyl ether	10.000	13.990	-39.9#	110	0.00
33		Tert-Amyl methyl ether	10.000	12.398	-24.0	94	0.00
34	t	Propionitrile	50.000	60.445	-20.9	94	-0.01
35	RT	Benzene	10.000	9.304	7.0	73	0.00
36	RT	1,2-Dichloroethane	10.000	9.203	8.0	74	0.00
37	RT	Trichloroethene	10.000	8.628	13.7	68	0.00
38	Rt	1,2-Dichloropropane	10.000	10.057	-0.6	78	0.00
39	t	Methacrylonitrile	10.000	11.804	-18.0	92	0.00
40	t	Methyl acrylate	10.000	12.415	-24.1	92	0.00
41	t	Tetrahydrofuran	20.000	24.033	-20.2	100	0.00
42	t	1-Chlorobutane	10.000	9.833	1.7	79	0.00
43	T	Dibromomethane	10.000	9.974	0.3	80	0.00
44	T	Bromodichloromethane	10.000	9.523	4.8	76	0.00
45	T	4-Methyl-2-Pentanone	50.000	54.571	-9.1	79	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	22.992	-15.0	91	0.00
47	t	Methyl methacrylate	20.000	22.803	-14.0	81	0.00
48	t	Ethyl methacrylate	10.000	12.754	-27.5	88	0.00
49	Rt	Toluene	10.000	9.562	4.4	72	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.201	-12.0	83	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.193	-11.9	85	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.607	3.9	74	0.00
53	t	1,3-Dichloropropane	10.000	10.122	-1.2	78	0.00
54	t	2-Hexanone	50.000	61.977	-24.0	91	0.00
55	t	Dibromochloromethane	10.000	9.281	7.2	73	0.00
56	T	1,2-Dibromoethane	10.000	9.979	0.2	78	0.00
57	S	4-Bromofluorobenzene	1.000	1.223	-22.3	93	0.00
58	RT	Tetrachloroethene	10.000	7.519	24.8	59	0.00
59	Rt	Chlorobenzene	10.000	9.958	0.4	76	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	8.895	11.1	70	0.00
61	t	Pentachloroethane	10.000	9.424	5.8	74	0.00
62	t	Hexachloroethane	10.000	10.326	-3.3	78	0.00
63	Rt	Ethyl Benzene	10.000	11.060	-10.6	79	0.00
64	RT	m/p-Xylenes	20.000	20.961	-4.8	73	0.00
65	RT	o-Xylene	10.000	10.751	-7.5	76	0.00
66	RT	Styrene	10.000	9.110	8.9	75	0.00
67	t	Bromoform	10.000	8.722	12.8	70	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.006	-0.6	75	0.00
69	T	Isopropylbenzene	10.000	11.240	-12.4	78	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.864	-8.6	84	0.00
71	T	1,2,3-Trichloropropane	10.000	12.261	-22.6	94	0.00
72	t	Bromobenzene	10.000	9.175	8.2	69	0.00
73	t	n-propylbenzene	10.000	9.008	9.9	75	0.00
74	t	2-Chlorotoluene	10.000	10.087	-0.9	73	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.272	7.3	76	0.00
76	t	4-Chlorotoluene	10.000	10.187	-1.9	72	0.00
77	t	tert-Butylbenzene	10.000	10.687	-6.9	75	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.221	7.8	76	0.00
79	t	sec-Butylbenzene	10.000	9.291	7.1	77	0.00
80		Nitrobenzene	50.000	61.097	-22.2	96	0.00
81	t	p-Isopropyltoluene	10.000	8.717	12.8	72	0.00
82	t	1,3-Dichlorobenzene	10.000	9.410	5.9	70	0.00
83	Rt	1,4-Dichlorobenzene	10.000	9.458	5.4	69	0.00
84	t	n-Butylbenzene	10.000	9.765	2.3	83	0.00
85	Rt	1,2-Dichlorobenzene	10.000	9.634	3.7	71	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.926	-9.3	86	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.682	-6.8	75	0.00
88	t	Hexachlorobutadiene	10.000	8.040	19.6	61	0.00
89	t	Naphthalene	10.000	11.298	-13.0	85	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.162	-1.6	71	0.00

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