Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042123\
Data File : VU053821.D
Acq On : 21 Apr 2023 12:01
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Apr 22 03:18:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 21 09:18:21 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	119	0.00
2	T	Dichlorodifluoromethane	10.000	10.040	-0.4	116	0.00
3	t	Chloromethane	10.000	9.144	8.6	113	0.00
4	Rt	Vinyl Chloride	10.000	9.621	3.8	111	0.00
5	T	Bromomethane	10.000	8.938	10.6	119	0.02
6	T	Chloroethane	10.000	9.664	3.4	114	0.00
7	T	Trichlorofluoromethane	10.000	9.909	0.9	116	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.097	9.0	104	0.00
9	Rt	1,1-Dichloroethene	10.000	8.542	14.6	101	0.00
10	t	Iodomethane	10.000	9.739	2.6	102	0.00
11	t	Allyl Chloride	10.000	8.311	16.9	99	0.00
12	t	Acrylonitrile	20.000	15.830	20.8	93	0.01
13	T	Acetone	50.000	50.123	-0.2	102	0.03
14	T	Carbon Disulfide	10.000	8.486	15.1	100	0.00
15	RT	Methylene Chloride	10.000	8.767	12.3	111	0.00
16	RT	trans-1,2-Dichloroethene	10.000	8.487	15.1	99	0.00
17	t	1,1-Dichloroethane	10.000	8.709	12.9	103	0.00
18	T	2-Butanone	50.000	44.427	11.1	95	0.00
19		Cyclohexane	10.000	8.445	15.5	101	0.01
20		Methylcyclohexane	10.000	11.496	-15.0	127	0.00
21	T	2,2-Dichloropropane	10.000	8.823	11.8	103	0.00
22	RT	cis-1,2-Dichloroethene	10.000	8.714	12.9	105	0.00
23	t	Diethyl Ether	10.000	9.495	5.1	108	0.00
24	t	tert-Butyl Alcohol	100.000	76.688	23.3	86	0.06
25	t	Methyl tert-Butyl Ether	10.000	8.614	13.9	100	0.00
26	t	Bromochloromethane	10.000	8.624	13.8	102	0.00
27	t	Chloroform	10.000	8.907	10.9	105	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.280	7.2	106	0.00
29	T	1,1-Dichloropropene	10.000	10.604	-6.0	124	0.00
30	RT	Carbon Tetrachloride	10.000	10.970	-9.7	126	0.00
31	t	Isopropyl Ether	10.000	8.218	17.8	97	0.00
32		Ethyl-t-butyl ether	10.000	8.410	15.9	98	0.00
33		Tert-Amyl methyl ether	10.000	10.611	-6.1	120	0.00
34	t	Propionitrile	50.000	38.216	23.6	99	0.02
35	RT	Benzene	10.000	10.554	-5.5	121	0.00
36	RT	1,2-Dichloroethane	10.000	9.804	2.0	115	0.00
37	RT	Trichloroethene	10.000	10.859	-8.6	123	0.00
38	Rt	1,2-Dichloropropane	10.000	10.493	-4.9	120	0.00
39	t	Methacrylonitrile	10.000	7.043	29.6	94	0.00
40	t	Methyl acrylate	10.000	7.584	24.2	94	0.00
41	t	Tetrahydrofuran	20.000	13.332	33.3#	90	0.00
42	t	1-Chlorobutane	10.000	9.862	1.4	115	0.00
43	T	Dibromomethane	10.000	10.130	-1.3	118	0.00
44	T	Bromodichloromethane	10.000	10.799	-8.0	123	0.00
45	T	4-Methyl-2-Pentanone	50.000	51.859	-3.7	114	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	22.738	-13.7	112	0.00
47	t	Methyl methacrylate	20.000	20.808	-4.0	116	0.00
48	t	Ethyl methacrylate	10.000	10.541	-5.4	116	0.00
49	Rt	Toluene	10.000	10.965	-9.6	122	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.110	-11.1	121	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.132	-11.3	123	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.014	-0.1	117	0.00
53	t	1,3-Dichloropropane	10.000	10.471	-4.7	120	0.00
54	t	2-Hexanone	50.000	58.580	-17.2	115	0.00
55	t	Dibromochloromethane	10.000	10.932	-9.3	119	0.00
56	T	1,2-Dibromoethane	10.000	10.569	-5.7	116	0.00
57	S	4-Bromofluorobenzene	1.000	0.975	2.5	112	0.00
58	RT	Tetrachloroethene	10.000	10.579	-5.8	119	0.00
59	Rt	Chlorobenzene	10.000	10.845	-8.5	121	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.643	-6.4	117	0.00
61	t	Pentachloroethane	10.000	10.037	-0.4	113	0.00
62	t	Hexachloroethane	10.000	11.149	-11.5	117	0.00
63	Rt	Ethyl Benzene	10.000	11.354	-13.5	120	0.00
64	RT	m/p-Xylenes	20.000	22.765	-13.8	119	0.00
65	RT	o-Xylene	10.000	11.325	-13.2	120	0.00
66	RT	Styrene	10.000	11.372	-13.7	116	0.00
67	t	Bromoform	10.000	11.008	-10.1	118	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.948	5.2	106	0.00
69	T	Isopropylbenzene	10.000	11.443	-14.4	120	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.582	4.2	111	0.00
71	T	1,2,3-Trichloropropane	10.000	7.840	21.6	98	0.00
72	t	Bromobenzene	10.000	10.597	-6.0	117	0.00
73	t	n-propylbenzene	10.000	11.962	-19.6	120	0.00
74	t	2-Chlorotoluene	10.000	10.786	-7.9	117	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.335	-13.4	116	0.00
76	t	4-Chlorotoluene	10.000	11.225	-12.2	115	0.00
77	t	tert-Butylbenzene	10.000	11.044	-10.4	115	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.431	-14.3	114	0.00
79	t	sec-Butylbenzene	10.000	11.381	-13.8	115	0.00
80		Nitrobenzene	50.000	45.402	9.2	100	0.00
81	t	p-Isopropyltoluene	10.000	11.616	-16.2	115	0.00
82	t	1,3-Dichlorobenzene	10.000	10.620	-6.2	115	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.492	-4.9	111	0.00
84	t	n-Butylbenzene	10.000	10.015	-0.2	117	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.064	-0.6	107	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.233	-2.3	105	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.442	-4.4	112	0.00
88	t	Hexachlorobutadiene	10.000	10.349	-3.5	108	0.00
89	t	Naphthalene	10.000	10.416	-4.2	107	0.00
90	t	1,2,3-Trichlorobenzene	10.000	9.851	1.5	103	0.00

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