Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
Data File : VU054888.D
Acq On : 26 Jul 2023 20:10
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 28 03:26:07 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	97	0.00
2	T	Dichlorodifluoromethane	10.000	9.453	5.5	94	0.00
3	t	Chloromethane	10.000	9.256	7.4	94	0.00
4	Rt	Vinyl Chloride	10.000	9.628	3.7	95	0.00
5	T	Bromomethane	10.000	8.742	12.6	86	0.00
6	T	Chloroethane	10.000	8.394	16.1	78	0.00
7	T	Trichlorofluoromethane	10.000	8.513	14.9	87	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.252	7.5	95	0.00
9	Rt	1,1-Dichloroethene	10.000	9.696	3.0	95	0.00
10	t	Iodomethane	10.000	10.170	-1.7	97	0.00
11	t	Allyl Chloride	10.000	9.649	3.5	97	0.00
12	t	Acrylonitrile	20.000	21.937	-9.7	107	0.00
13	T	Acetone	50.000	36.951	26.1	74	0.00
14	T	Carbon Disulfide	10.000	8.867	11.3	93	0.00
15	RT	Methylene Chloride	10.000	10.535	-5.4	107	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.333	-3.3	103	0.00
17	t	1,1-Dichloroethane	10.000	9.865	1.3	99	0.00
18	T	2-Butanone	50.000	49.853	0.3	90	0.00
19		Cyclohexane	10.000	10.930	-9.3	107	0.00
20		Methylcyclohexane	10.000	10.063	-0.6	97	0.00
21	T	2,2-Dichloropropane	10.000	8.498	15.0	88	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.958	0.4	97	0.00
23	t	Diethyl Ether	10.000	9.838	1.6	99	0.00
24	t	tert-Butyl Alcohol	100.000	105.365	-5.4	126	-0.03
25	t	Methyl tert-Butyl Ether	10.000	10.782	-7.8	105	0.00
26	t	Bromochloromethane	10.000	10.536	-5.4	103	0.00
27	t	Chloroform	10.000	10.291	-2.9	100	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.996	0.0	99	0.00
29	T	1,1-Dichloropropene	10.000	9.762	2.4	97	0.00
30	RT	Carbon Tetrachloride	10.000	9.972	0.3	100	0.00
31	t	Isopropyl Ether	10.000	10.049	-0.5	98	0.00
32		Ethyl-t-butyl ether	10.000	10.118	-1.2	101	0.00
33		Tert-Amyl methyl ether	10.000	10.320	-3.2	102	0.00
34	t	Propionitrile	50.000	66.497	-33.0#	113	0.00
35	RT	Benzene	10.000	9.944	0.6	97	0.00
36	RT	1,2-Dichloroethane	10.000	10.561	-5.6	104	0.00
37	RT	Trichloroethene	10.000	10.189	-1.9	100	0.00
38	Rt	1,2-Dichloropropane	10.000	10.218	-2.2	97	0.00
39	t	Methacrylonitrile	10.000	11.200	-12.0	105	0.00
40	t	Methyl acrylate	10.000	10.800	-8.0	95	0.00
41	t	Tetrahydrofuran	20.000	20.693	-3.5	108	0.00
42	t	1-Chlorobutane	10.000	9.507	4.9	98	0.00
43	T	Dibromomethane	10.000	11.047	-10.5	104	0.00
44	T	Bromodichloromethane	10.000	10.522	-5.2	100	0.00
45	T	4-Methyl-2-Pentanone	50.000	58.261	-16.5	111	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	22.955	-14.8	94	0.00
47	t	Methyl methacrylate	20.000	23.550	-17.8	108	0.00
48	t	Ethyl methacrylate	10.000	11.357	-13.6	103	0.00
49	Rt	Toluene	10.000	10.386	-3.9	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.712	-7.1	101	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.301	-3.0	98	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.548	-5.5	105	0.00
53	t	1,3-Dichloropropane	10.000	11.221	-12.2	109	0.00
54	t	2-Hexanone	50.000	55.730	-11.5	102	0.00
55	t	Dibromochloromethane	10.000	11.012	-10.1	104	0.00
56	T	1,2-Dibromoethane	10.000	11.427	-14.3	107	0.00
57	S	4-Bromofluorobenzene	1.000	1.014	-1.4	93	0.00
58	RT	Tetrachloroethene	10.000	10.187	-1.9	101	0.00
59	Rt	Chlorobenzene	10.000	10.410	-4.1	102	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.744	-7.4	104	0.00
61	t	Pentachloroethane	10.000	10.174	-1.7	94	0.00
62	t	Hexachloroethane	10.000	10.645	-6.4	96	0.00
63	Rt	Ethyl Benzene	10.000	10.293	-2.9	98	0.00
64	RT	m/p-Xylenes	20.000	20.846	-4.2	100	0.00
65	RT	o-Xylene	10.000	10.420	-4.2	100	0.00
66	RT	Styrene	10.000	10.775	-7.8	100	0.00
67	t	Bromoform	10.000	11.871	-18.7	102	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.035	-3.5	102	0.00
69	T	Isopropylbenzene	10.000	10.421	-4.2	99	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	11.291	-12.9	105	0.00
71	T	1,2,3-Trichloropropane	10.000	11.289	-12.9	112	0.00
72	t	Bromobenzene	10.000	11.005	-10.1	103	0.00
73	t	n-propylbenzene	10.000	10.372	-3.7	97	0.00
74	t	2-Chlorotoluene	10.000	10.684	-6.8	100	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.705	-7.1	100	0.00
76	t	4-Chlorotoluene	10.000	10.786	-7.9	99	0.00
77	t	tert-Butylbenzene	10.000	10.699	-7.0	101	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.793	-7.9	100	0.00
79	t	sec-Butylbenzene	10.000	10.572	-5.7	98	0.00
80		Nitrobenzene	50.000	56.900	-13.8	98	0.00
81	t	p-Isopropyltoluene	10.000	11.038	-10.4	99	0.00
82	t	1,3-Dichlorobenzene	10.000	10.641	-6.4	102	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.559	-5.6	101	0.00
84	t	n-Butylbenzene	10.000	11.348	-13.5	97	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.498	-5.0	103	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.827	-18.3	103	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.488	-4.9	98	0.00
88	t	Hexachlorobutadiene	10.000	11.121	-11.2	104	0.00
89	t	Naphthalene	10.000	12.386	-23.9	115	0.00
90	t	1,2,3-Trichlorobenzene	10.000	12.773	-27.7	123	0.00

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