Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
Data File : VU060347.D
Acq On : 07 Aug 2024 19:58
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Aug 08 06:04:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 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	100	0.00
2	T	Dichlorodifluoromethane	10.000	8.930	10.7	86	0.00
3	t	Chloromethane	10.000	8.380	16.2	85	0.00
4	Rt	Vinyl Chloride	10.000	9.085	9.1	88	0.00
5	T	Bromomethane	10.000	10.607	-6.1	104	0.00
6	T	Chloroethane	10.000	9.242	7.6	90	0.00
7	T	Trichlorofluoromethane	10.000	9.592	4.1	92	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.718	2.8	94	0.00
9	Rt	1,1-Dichloroethene	10.000	9.874	1.3	98	0.00
10	t	Iodomethane	10.000	9.859	1.4	96	0.00
11	t	Allyl Chloride	10.000	8.362	16.4	81	0.00
12	t	Acrylonitrile	20.000	17.582	12.1	92	0.00
13	T	Acetone	50.000	23.583	52.8#	62	0.02
14	T	Carbon Disulfide	10.000	8.950	10.5	88	0.00
15	RT	Methylene Chloride	10.000	8.991	10.1	92	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.041	-0.4	97	0.00
17	t	1,1-Dichloroethane	10.000	9.179	8.2	91	0.00
18	T	2-Butanone	50.000	32.275	35.5#	74	0.00
19		Cyclohexane	10.000	8.795	12.1	84	0.00
20		Methylcyclohexane	10.000	11.607	-16.1	98	0.00
21	T	2,2-Dichloropropane	10.000	8.490	15.1	85	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.888	1.1	96	0.00
23	t	Diethyl Ether	10.000	9.368	6.3	94	0.00
24	t	tert-Butyl Alcohol	100.000	65.722	34.3#	73	0.12
25	t	Methyl tert-Butyl Ether	10.000	8.792	12.1	88	0.00
26	t	Bromochloromethane	10.000	10.701	-7.0	105	0.00
27	t	Chloroform	10.000	9.736	2.6	97	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.867	1.3	98	0.00
29	T	1,1-Dichloropropene	10.000	10.469	-4.7	102	0.00
30	RT	Carbon Tetrachloride	10.000	10.461	-4.6	101	0.00
31	t	Isopropyl Ether	10.000	8.228	17.7	81	0.00
32		Ethyl-t-butyl ether	10.000	8.556	14.4	84	-0.01
33		Tert-Amyl methyl ether	10.000	11.233	-12.3	105	-0.01
34	t	Propionitrile	50.000	39.775	20.5	88	0.02
35	RT	Benzene	10.000	10.751	-7.5	101	0.00
36	RT	1,2-Dichloroethane	10.000	9.794	2.1	97	0.00
37	RT	Trichloroethene	10.000	11.228	-12.3	107	0.00
38	Rt	1,2-Dichloropropane	10.000	10.295	-2.9	97	0.00
39	t	Methacrylonitrile	10.000	7.085	29.1	77	0.00
40	t	Methyl acrylate	10.000	8.139	18.6	89	0.00
41	t	Tetrahydrofuran	20.000	13.904	30.5#	81	0.00
42	t	1-Chlorobutane	10.000	10.227	-2.3	99	0.00
43	T	Dibromomethane	10.000	9.919	0.8	98	0.00
44	T	Bromodichloromethane	10.000	10.377	-3.8	101	0.00
45	T	4-Methyl-2-Pentanone	50.000	52.424	-4.8	99	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	18.846	5.8	89	0.00
47	t	Methyl methacrylate	20.000	22.749	-13.7	101	0.00
48	t	Ethyl methacrylate	10.000	12.004	-20.0	104	0.00
49	Rt	Toluene	10.000	11.793	-17.9	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.189	-11.9	101	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.046	-10.5	102	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.034	-0.3	100	0.00
53	t	1,3-Dichloropropane	10.000	10.549	-5.5	101	0.00
54	t	2-Hexanone	50.000	47.073	5.9	90	0.00
55	t	Dibromochloromethane	10.000	10.763	-7.6	103	0.00
56	T	1,2-Dibromoethane	10.000	10.164	-1.6	98	0.00
57	S	4-Bromofluorobenzene	1.000	1.103	-10.3	98	0.00
58	RT	Tetrachloroethene	10.000	11.357	-13.6	107	0.00
59	Rt	Chlorobenzene	10.000	11.885	-18.8	107	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.750	-7.5	103	0.00
61	t	Pentachloroethane	10.000	10.473	-4.7	98	0.00
62	t	Hexachloroethane	10.000	10.604	-6.0	98	0.00
63	Rt	Ethyl Benzene	10.000	10.510	-5.1	105	0.00
64	RT	m/p-Xylenes	20.000	20.985	-4.9	102	0.00
65	RT	o-Xylene	10.000	10.546	-5.5	104	0.00
66	RT	Styrene	10.000	10.453	-4.5	102	0.00
67	t	Bromoform	10.000	10.726	-7.3	106	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.069	-6.9	100	0.00
69	T	Isopropylbenzene	10.000	10.626	-6.3	105	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.743	2.6	96	0.00
71	T	1,2,3-Trichloropropane	10.000	10.440	-4.4	94	0.00
72	t	Bromobenzene	10.000	12.141	-21.4	107	0.00
73	t	n-propylbenzene	10.000	10.751	-7.5	105	0.00
74	t	2-Chlorotoluene	10.000	10.896	-9.0	105	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.548	-5.5	103	0.00
76	t	4-Chlorotoluene	10.000	10.879	-8.8	105	0.00
77	t	tert-Butylbenzene	10.000	10.542	-5.4	105	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.627	-6.3	104	0.00
79	t	sec-Butylbenzene	10.000	10.518	-5.2	103	0.00
80		Nitrobenzene	50.000	33.910	32.2#	67	0.00
81	t	p-Isopropyltoluene	10.000	10.612	-6.1	104	0.00
82	t	1,3-Dichlorobenzene	10.000	12.189	-21.9	106	0.00
83	Rt	1,4-Dichlorobenzene	10.000	12.149	-21.5	104	0.00
84	t	n-Butylbenzene	10.000	10.512	-5.1	102	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.737	-17.4	104	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.396	6.0	92	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	12.037	-20.4	103	0.00
88	t	Hexachlorobutadiene	10.000	11.750	-17.5	104	0.00
89	t	Naphthalene	10.000	13.383	-33.8#	119	0.00
90	t	1,2,3-Trichlorobenzene	10.000	14.910	-49.1#	127	0.00

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