Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
Data File : VU051446.D
Acq On : 18 Oct 2022 18:15
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 19 02:49:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 18 04:53:19 2022
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	93	0.00
2	T	Dichlorodifluoromethane	10.000	9.782	2.2	87	0.00
3	t	Chloromethane	10.000	8.374	16.3	86	0.00
4	Rt	Vinyl Chloride	10.000	9.282	7.2	89	0.00
5	T	Bromomethane	10.000	10.027	-0.3	98	0.00
6	T	Chloroethane	10.000	9.727	2.7	94	0.00
7	T	Trichlorofluoromethane	10.000	9.922	0.8	91	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.687	3.1	90	0.00
9	Rt	1,1-Dichloroethene	10.000	9.684	3.2	93	0.00
10	t	Iodomethane	10.000	9.961	0.4	92	0.00
11	t	Allyl Chloride	10.000	9.619	3.8	92	0.00
12	t	Acrylonitrile	20.000	20.913	-4.6	99	0.00
13	T	Acetone	50.000	47.020	6.0	92	0.00
14	T	Carbon Disulfide	10.000	9.451	5.5	91	0.00
15	RT	Methylene Chloride	10.000	10.338	-3.4	95	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.365	6.3	92	0.00
17	t	1,1-Dichloroethane	10.000	9.511	4.9	92	0.00
18	T	2-Butanone	50.000	55.984	-12.0	94	0.00
19		Cyclohexane	10.000	10.922	-9.2	86	0.00
20		Methylcyclohexane	10.000	9.089	9.1	84	0.00
21	T	2,2-Dichloropropane	10.000	9.613	3.9	92	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.320	-3.2	92	0.00
23	t	Diethyl Ether	10.000	9.889	1.1	93	0.00
24	t	tert-Butyl Alcohol	100.000	116.100	-16.1	110	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.216	-2.2	95	0.00
26	t	Bromochloromethane	10.000	10.221	-2.2	96	0.00
27	t	Chloroform	10.000	9.770	2.3	94	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.643	3.6	91	0.00
29	T	1,1-Dichloropropene	10.000	10.606	-6.1	88	0.00
30	RT	Carbon Tetrachloride	10.000	9.716	2.8	91	0.00
31	t	Isopropyl Ether	10.000	9.928	0.7	89	0.00
32		Ethyl-t-butyl ether	10.000	10.360	-3.6	89	0.00
33		Tert-Amyl methyl ether	10.000	11.201	-12.0	91	0.00
34	t	Propionitrile	50.000	55.048	-10.1	93	0.00
35	RT	Benzene	10.000	10.059	-0.6	91	0.00
36	RT	1,2-Dichloroethane	10.000	10.188	-1.9	96	0.00
37	RT	Trichloroethene	10.000	9.926	0.7	90	0.00
38	Rt	1,2-Dichloropropane	10.000	10.045	-0.4	92	0.00
39	t	Methacrylonitrile	10.000	11.215	-12.1	92	0.00
40	t	Methyl acrylate	10.000	11.652	-16.5	96	0.00
41	t	Tetrahydrofuran	20.000	21.984	-9.9	94	0.00
42	t	1-Chlorobutane	10.000	10.639	-6.4	89	0.00
43	T	Dibromomethane	10.000	10.176	-1.8	96	0.00
44	T	Bromodichloromethane	10.000	10.080	-0.8	95	0.00
45	T	4-Methyl-2-Pentanone	50.000	60.421	-20.8	94	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	20.340	-1.7	92	0.00
47	t	Methyl methacrylate	20.000	19.998	0.0	94	0.00
48	t	Ethyl methacrylate	10.000	9.434	5.7	89	0.00
49	Rt	Toluene	10.000	11.164	-11.6	92	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.782	-7.8	93	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.334	-3.3	90	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.332	-3.3	96	0.00
53	t	1,3-Dichloropropane	10.000	10.706	-7.1	93	0.00
54	t	2-Hexanone	50.000	50.410	-0.8	94	0.00
55	t	Dibromochloromethane	10.000	10.467	-4.7	95	0.00
56	T	1,2-Dibromoethane	10.000	10.765	-7.7	96	0.00
57	S	4-Bromofluorobenzene	1.000	1.026	-2.6	87	0.00
58	RT	Tetrachloroethene	10.000	10.094	-0.9	90	0.00
59	Rt	Chlorobenzene	10.000	10.482	-4.8	91	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.027	-0.3	94	0.00
61	t	Pentachloroethane	10.000	10.114	-1.1	93	0.00
62	t	Hexachloroethane	10.000	9.934	0.7	90	0.00
63	Rt	Ethyl Benzene	10.000	9.361	6.4	88	0.00
64	RT	m/p-Xylenes	20.000	19.457	2.7	89	0.00
65	RT	o-Xylene	10.000	9.618	3.8	89	0.00
66	RT	Styrene	10.000	9.701	3.0	90	0.00
67	t	Bromoform	10.000	10.799	-8.0	95	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.042	-4.2	92	0.00
69	T	Isopropylbenzene	10.000	9.337	6.6	87	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.633	-6.3	96	0.00
71	T	1,2,3-Trichloropropane	10.000	11.119	-11.2	105	0.00
72	t	Bromobenzene	10.000	10.913	-9.1	92	0.00
73	t	n-propylbenzene	10.000	9.438	5.6	87	0.00
74	t	2-Chlorotoluene	10.000	11.522	-15.2	90	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.647	3.5	88	0.00
76	t	4-Chlorotoluene	10.000	9.782	2.2	90	0.00
77	t	tert-Butylbenzene	10.000	11.202	-12.0	87	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.733	2.7	89	0.00
79	t	sec-Butylbenzene	10.000	9.481	5.2	87	0.00
80		Nitrobenzene	50.000	46.823	6.4	82	0.00
81	t	p-Isopropyltoluene	10.000	9.489	5.1	86	0.00
82	t	1,3-Dichlorobenzene	10.000	10.531	-5.3	90	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.090	-10.9	91	0.00
84	t	n-Butylbenzene	10.000	8.902	11.0	81	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.674	-6.7	92	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.272	-2.7	91	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	9.401	6.0	80	0.00
88	t	Hexachlorobutadiene	10.000	9.740	2.6	84	0.00
89	t	Naphthalene	10.000	9.381	6.2	77	0.00
90	t	1,2,3-Trichlorobenzene	10.000	9.746	2.5	84	0.00

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