Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
Data File : VU051437.D
Acq On : 18 Oct 2022 12:21
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 19 02:23:09 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	94	0.00
2	T	Dichlorodifluoromethane	10.000	10.627	-6.3	96	0.00
3	t	Chloromethane	10.000	8.212	17.9	86	-0.01
4	Rt	Vinyl Chloride	10.000	9.355	6.4	91	0.00
5	T	Bromomethane	10.000	9.533	4.7	94	0.00
6	T	Chloroethane	10.000	9.626	3.7	93	0.00
7	T	Trichlorofluoromethane	10.000	9.957	0.4	92	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.258	-2.6	96	0.00
9	Rt	1,1-Dichloroethene	10.000	9.492	5.1	92	0.00
10	t	Iodomethane	10.000	9.672	3.3	91	0.00
11	t	Allyl Chloride	10.000	9.452	5.5	92	0.00
12	t	Acrylonitrile	20.000	20.038	-0.2	96	0.00
13	T	Acetone	50.000	45.226	9.5	90	0.00
14	T	Carbon Disulfide	10.000	9.514	4.9	92	0.00
15	RT	Methylene Chloride	10.000	9.845	1.5	92	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.302	7.0	92	0.00
17	t	1,1-Dichloroethane	10.000	9.308	6.9	90	0.00
18	T	2-Butanone	50.000	54.488	-9.0	92	0.00
19		Cyclohexane	10.000	11.822	-18.2	94	0.00
20		Methylcyclohexane	10.000	10.261	-2.6	96	0.00
21	T	2,2-Dichloropropane	10.000	9.848	1.5	96	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.437	-4.4	94	0.00
23	t	Diethyl Ether	10.000	9.638	3.6	92	0.00
24	t	tert-Butyl Alcohol	100.000	79.925	20.1	77	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.952	0.5	94	0.00
26	t	Bromochloromethane	10.000	9.683	3.2	92	0.00
27	t	Chloroform	10.000	9.407	5.9	92	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.690	3.1	93	0.00
29	T	1,1-Dichloropropene	10.000	10.897	-9.0	92	0.00
30	RT	Carbon Tetrachloride	10.000	9.663	3.4	92	0.00
31	t	Isopropyl Ether	10.000	10.367	-3.7	93	0.00
32		Ethyl-t-butyl ether	10.000	10.762	-7.6	93	0.00
33		Tert-Amyl methyl ether	10.000	11.393	-13.9	93	0.00
34	t	Propionitrile	50.000	53.671	-7.3	91	0.00
35	RT	Benzene	10.000	9.990	0.1	92	0.00
36	RT	1,2-Dichloroethane	10.000	9.779	2.2	93	0.00
37	RT	Trichloroethene	10.000	10.138	-1.4	93	0.00
38	Rt	1,2-Dichloropropane	10.000	9.968	0.3	92	0.00
39	t	Methacrylonitrile	10.000	11.347	-13.5	94	0.00
40	t	Methyl acrylate	10.000	11.799	-18.0	99	0.00
41	t	Tetrahydrofuran	20.000	22.069	-10.3	95	0.00
42	t	1-Chlorobutane	10.000	10.855	-8.6	92	0.00
43	T	Dibromomethane	10.000	9.912	0.9	94	0.00
44	T	Bromodichloromethane	10.000	9.821	1.8	93	0.00
45	T	4-Methyl-2-Pentanone	50.000	58.380	-16.8	92	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	20.006	-0.0	92	0.00
47	t	Methyl methacrylate	20.000	19.700	1.5	93	0.00
48	t	Ethyl methacrylate	10.000	9.600	4.0	91	0.00
49	Rt	Toluene	10.000	11.068	-10.7	92	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.858	-8.6	94	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.571	-5.7	93	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.247	-2.5	96	0.00
53	t	1,3-Dichloropropane	10.000	10.704	-7.0	94	0.00
54	t	2-Hexanone	50.000	47.801	4.4	90	0.00
55	t	Dibromochloromethane	10.000	10.280	-2.8	94	0.00
56	T	1,2-Dibromoethane	10.000	10.653	-6.5	96	0.00
57	S	4-Bromofluorobenzene	1.000	1.040	-4.0	89	0.00
58	RT	Tetrachloroethene	10.000	10.145	-1.4	92	0.00
59	Rt	Chlorobenzene	10.000	10.577	-5.8	92	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.733	2.7	92	0.00
61	t	Pentachloroethane	10.000	10.018	-0.2	93	0.00
62	t	Hexachloroethane	10.000	9.951	0.5	91	0.00
63	Rt	Ethyl Benzene	10.000	9.450	5.5	90	0.00
64	RT	m/p-Xylenes	20.000	19.716	1.4	91	0.00
65	RT	o-Xylene	10.000	9.714	2.9	91	0.00
66	RT	Styrene	10.000	9.635	3.7	90	0.00
67	t	Bromoform	10.000	10.803	-8.0	96	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.903	9.7	81	0.00
69	T	Isopropylbenzene	10.000	9.684	3.2	92	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.204	-2.0	93	0.00
71	T	1,2,3-Trichloropropane	10.000	10.838	-8.4	103	0.00
72	t	Bromobenzene	10.000	10.713	-7.1	91	0.00
73	t	n-propylbenzene	10.000	9.708	2.9	90	0.00
74	t	2-Chlorotoluene	10.000	11.421	-14.2	90	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.660	3.4	89	0.00
76	t	4-Chlorotoluene	10.000	9.975	0.3	93	0.00
77	t	tert-Butylbenzene	10.000	11.581	-15.8	91	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.717	2.8	90	0.00
79	t	sec-Butylbenzene	10.000	9.755	2.4	90	0.00
80		Nitrobenzene	50.000	43.627	12.7	77	0.00
81	t	p-Isopropyltoluene	10.000	9.642	3.6	89	0.00
82	t	1,3-Dichlorobenzene	10.000	10.399	-4.0	90	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.775	-7.8	89	0.00
84	t	n-Butylbenzene	10.000	9.243	7.6	85	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.407	-4.1	90	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.892	1.1	89	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.116	-1.2	87	0.00
88	t	Hexachlorobutadiene	10.000	10.153	-1.5	88	0.00
89	t	Naphthalene	10.000	10.425	-4.3	87	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.073	-0.7	88	0.00

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