Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100422\
Data File : VU051107.D
Acq On : 04 Oct 2022 14:21
Operator : JC/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU100422

Quant Time: Oct 05 02:47:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U100422DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 05 02:45:21 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	91	0.00
2	T	Dichlorodifluoromethane	10.000	5.888	41.1#	54	0.00
3	t	Chloromethane	10.000	7.639	23.6	75	0.00
4	Rt	Vinyl Chloride	10.000	7.899	21.0	73	0.00
5	T	Bromomethane	10.000	8.307	16.9	86	0.00
6	T	Chloroethane	10.000	8.595	14.0	82	0.00
7	T	Trichlorofluoromethane	10.000	8.567	14.3	79	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.046	9.5	83	0.00
9	Rt	1,1-Dichloroethene	10.000	9.203	8.0	86	0.00
10	t	Iodomethane	10.000	9.688	3.1	86	0.00
11	t	Allyl Chloride	10.000	10.327	-3.3	96	0.00
12	t	Acrylonitrile	20.000	50.232	-151.2#	258	0.00
13	T	Acetone	50.000	64.568	-29.1	121	0.00
14	T	Carbon Disulfide	10.000	7.792	22.1	76	0.00
15	RT	Methylene Chloride	10.000	10.345	-3.5	91	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.247	7.5	89	0.00
17	t	1,1-Dichloroethane	10.000	9.995	0.1	94	0.00
18	T	2-Butanone	50.000	51.280	-2.6	92	0.00
19		Cyclohexane	10.000	10.774	-7.7	85	0.00
20		Methylcyclohexane	10.000	10.296	-3.0	80	0.00
21	T	2,2-Dichloropropane	10.000	10.104	-1.0	92	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.537	-5.4	94	0.00
23	t	Diethyl Ether	10.000	9.750	2.5	94	0.00
24	t	tert-Butyl Alcohol	100.000	45.801	54.2#	39	0.03
25	t	Methyl tert-Butyl Ether	10.000	10.492	-4.9	101	0.00
26	t	Bromochloromethane	10.000	7.645	23.6	71	0.00
27	t	Chloroform	10.000	10.021	-0.2	94	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.585	4.1	88	0.00
29	T	1,1-Dichloropropene	10.000	10.641	-6.4	89	0.00
30	RT	Carbon Tetrachloride	10.000	9.479	5.2	88	0.00
31	t	Isopropyl Ether	10.000	12.109	-21.1	107	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.51#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.94#
34	t	Propionitrile	50.000	122.350	-144.7#	232	0.00
35	RT	Benzene	10.000	10.371	-3.7	92	0.00
36	RT	1,2-Dichloroethane	10.000	9.876	1.2	93	0.00
37	RT	Trichloroethene	10.000	9.898	1.0	89	0.00
38	Rt	1,2-Dichloropropane	10.000	10.251	-2.5	91	0.00
39	t	Methacrylonitrile	10.000	11.712	-17.1	100	0.00
40	t	Methyl acrylate	10.000	11.983	-19.8	109	0.00
41	t	Tetrahydrofuran	20.000	61.310	-206.6#	269	0.00
42	t	1-Chlorobutane	10.000	10.653	-6.5	89	0.00
43	T	Dibromomethane	10.000	10.785	-7.9	102	0.00
44	T	Bromodichloromethane	10.000	10.357	-3.6	96	0.00
45	T	4-Methyl-2-Pentanone	50.000	56.204	-12.4	100	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	19.683	1.6	81	0.00
47	t	Methyl methacrylate	20.000	10.668	46.7#	44	0.00
48	t	Ethyl methacrylate	10.000	12.021	-20.2	96	0.00
49	Rt	Toluene	10.000	11.429	-14.3	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.454	-14.5	98	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.284	-12.8	98	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.216	-2.2	99	0.00
53	t	1,3-Dichloropropane	10.000	10.860	-8.6	99	0.00
54	t	2-Hexanone	50.000	55.023	-10.0	98	0.00
55	t	Dibromochloromethane	10.000	10.143	-1.4	96	0.00
56	T	1,2-Dibromoethane	10.000	10.783	-7.8	99	0.00
57	S	4-Bromofluorobenzene	1.000	1.160	-16.0	94	0.00
58	RT	Tetrachloroethene	10.000	10.021	-0.2	89	0.00
59	Rt	Chlorobenzene	10.000	10.397	-4.0	90	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.103	-1.0	94	0.00
61	t	Pentachloroethane	10.000	10.472	-4.7	98	0.00
62	t	Hexachloroethane	10.000	10.128	-1.3	91	0.00
63	Rt	Ethyl Benzene	10.000	12.098	-21.0	93	0.00
64	RT	m/p-Xylenes	20.000	20.791	-4.0	94	0.00
65	RT	o-Xylene	10.000	12.162	-21.6	94	0.00
66	RT	Styrene	10.000	10.619	-6.2	97	0.00
67	t	Bromoform	10.000	10.562	-5.6	99	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.065	-6.5	90	0.00
69	T	Isopropylbenzene	10.000	10.504	-5.0	97	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.169	-1.7	97	0.00
71	T	1,2,3-Trichloropropane	10.000	9.884	1.2	96	0.00
72	t	Bromobenzene	10.000	11.542	-15.4	96	0.00
73	t	n-propylbenzene	10.000	10.066	-0.7	91	0.00
74	t	2-Chlorotoluene	10.000	12.129	-21.3	96	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.474	-4.7	95	0.00
76	t	4-Chlorotoluene	10.000	10.438	-4.4	94	0.00
77	t	tert-Butylbenzene	10.000	11.991	-19.9	91	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.237	-2.4	92	0.00
79	t	sec-Butylbenzene	10.000	10.100	-1.0	91	0.00
80		Nitrobenzene	50.000	10.516	79.0#	20	0.00
81	t	p-Isopropyltoluene	10.000	10.101	-1.0	92	0.00
82	t	1,3-Dichlorobenzene	10.000	11.209	-12.1	96	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.454	-14.5	95	0.00
84	t	n-Butylbenzene	10.000	9.931	0.7	91	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.980	-9.8	95	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.681	-6.8	97	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.418	-14.2	107	0.00
88	t	Hexachlorobutadiene	10.000	10.362	-3.6	91	0.00
89	t	Naphthalene	10.000	13.160	-31.6#	108	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.725	-7.2	100	0.00

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