Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
Data File : VU051436.D
Acq On : 18 Oct 2022 11:50
Operator : JC/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

Quant Time: Oct 19 02:22:30 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	74	0.00
2	T	Dichlorodifluoromethane	10.000	6.585	34.2#	47	0.00
3	t	Chloromethane	10.000	6.326	36.7#	52	-0.01
4	Rt	Vinyl Chloride	10.000	7.324	26.8	56	0.00
5	T	Bromomethane	10.000	7.323	26.8	57	0.00
6	T	Chloroethane	10.000	8.036	19.6	62	0.00
7	T	Trichlorofluoromethane	10.000	8.728	12.7	64	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.635	3.7	72	0.00
9	Rt	1,1-Dichloroethene	10.000	8.863	11.4	68	0.00
10	t	Iodomethane	10.000	8.087	19.1	60	0.00
11	t	Allyl Chloride	10.000	9.455	5.4	73	0.00
12	t	Acrylonitrile	20.000	57.190	-185.9#	217	0.00
13	T	Acetone	50.000	52.841	-5.7	83	0.00
14	T	Carbon Disulfide	10.000	7.101	29.0	54	0.00
15	RT	Methylene Chloride	10.000	9.553	4.5	71	0.00
16	RT	trans-1,2-Dichloroethene	10.000	8.523	14.8	67	0.00
17	t	1,1-Dichloroethane	10.000	9.160	8.4	70	0.00
18	T	2-Butanone	50.000	61.262	-22.5	82	0.00
19		Cyclohexane	10.000	10.712	-7.1	67	0.00
20		Methylcyclohexane	10.000	8.622	13.8	63	0.00
21	T	2,2-Dichloropropane	10.000	9.294	7.1	71	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.842	1.6	70	0.00
23	t	Diethyl Ether	10.000	9.130	8.7	69	0.00
24	t	tert-Butyl Alcohol	100.000	51.372	48.6#	39	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.838	-8.4	81	0.00
26	t	Bromochloromethane	10.000	7.978	20.2	60	0.00
27	t	Chloroform	10.000	9.317	6.8	72	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.363	6.4	71	0.00
29	T	1,1-Dichloropropene	10.000	10.084	-0.8	67	0.00
30	RT	Carbon Tetrachloride	10.000	9.450	5.5	71	0.00
31	t	Isopropyl Ether	10.000	11.718	-17.2	83	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	131.009	-162.0#	177	0.00
35	RT	Benzene	10.000	9.657	3.4	70	0.00
36	RT	1,2-Dichloroethane	10.000	10.139	-1.4	77	0.00
37	RT	Trichloroethene	10.000	9.144	8.6	66	0.00
38	Rt	1,2-Dichloropropane	10.000	9.697	3.0	71	0.00
39	t	Methacrylonitrile	10.000	12.755	-27.6	84	0.00
40	t	Methyl acrylate	10.000	12.835	-28.4	85	0.00
41	t	Tetrahydrofuran	20.000	66.966	-234.8#	228	0.00
42	t	1-Chlorobutane	10.000	10.679	-6.8	71	0.00
43	T	Dibromomethane	10.000	10.759	-7.6	81	0.00
44	T	Bromodichloromethane	10.000	10.075	-0.7	76	0.00
45	T	4-Methyl-2-Pentanone	50.000	67.725	-35.4#	84	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	12.325	38.4#	45	0.00
47	t	Methyl methacrylate	20.000	10.238	48.8#	36	0.00
48	t	Ethyl methacrylate	10.000	10.137	-1.4	77	0.00
49	Rt	Toluene	10.000	10.692	-6.9	70	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.154	-11.5	76	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.345	-3.5	72	0.00
52	RT	1,1,2-Trichloroethane	10.000	11.138	-11.4	82	0.00
53	t	1,3-Dichloropropane	10.000	11.260	-12.6	79	0.00
54	t	2-Hexanone	50.000	55.471	-10.9	83	0.00
55	t	Dibromochloromethane	10.000	10.827	-8.3	79	0.00
56	T	1,2-Dibromoethane	10.000	11.649	-16.5	83	0.00
57	S	4-Bromofluorobenzene	1.000	1.251	-25.1	85	0.00
58	RT	Tetrachloroethene	10.000	9.472	5.3	68	0.00
59	Rt	Chlorobenzene	10.000	9.741	2.6	67	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.830	1.7	74	0.00
61	t	Pentachloroethane	10.000	10.612	-6.1	78	0.00
62	t	Hexachloroethane	10.000	9.836	1.6	71	0.00
63	Rt	Ethyl Benzene	10.000	8.953	10.5	67	0.00
64	RT	m/p-Xylenes	20.000	19.017	4.9	69	0.00
65	RT	o-Xylene	10.000	9.131	8.7	67	0.00
66	RT	Styrene	10.000	9.455	5.4	70	0.00
67	t	Bromoform	10.000	12.027	-20.3	85	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.016	-1.6	72	0.00
69	T	Isopropylbenzene	10.000	9.813	1.9	73	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	11.812	-18.1	85	0.00
71	T	1,2,3-Trichloropropane	10.000	11.083	-10.8	83	0.00
72	t	Bromobenzene	10.000	10.759	-7.6	72	0.00
73	t	n-propylbenzene	10.000	9.208	7.9	67	0.00
74	t	2-Chlorotoluene	10.000	11.417	-14.2	71	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.714	2.9	71	0.00
76	t	4-Chlorotoluene	10.000	9.622	3.8	71	0.00
77	t	tert-Butylbenzene	10.000	11.255	-12.6	70	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.406	5.9	69	0.00
79	t	sec-Butylbenzene	10.000	9.672	3.3	71	0.00
80		Nitrobenzene	50.000	9.991	80.0#	14	0.00
81	t	p-Isopropyltoluene	10.000	9.454	5.5	69	0.00
82	t	1,3-Dichlorobenzene	10.000	10.333	-3.3	71	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.693	-6.9	70	0.00
84	t	n-Butylbenzene	10.000	8.944	10.6	65	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.494	-4.9	72	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.668	-16.7	83	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.979	-9.8	75	0.00
88	t	Hexachlorobutadiene	10.000	9.991	0.1	69	0.00
89	t	Naphthalene	10.000	11.601	-16.0	76	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.389	-3.9	72	0.00

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