Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071921\
Data File : VU044365.D
Acq On : 19 Jul 2021 18:11
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Quant Time: Jul 21 16:26:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 14:36:39 2021
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	92	0.00
2	T	Dichlorodifluoromethane	10.000	9.880	1.2	87	0.00
3	t	Chloromethane	10.000	9.954	0.5	89	0.00
4	Rt	Vinyl Chloride	10.000	10.389	-3.9	91	0.00
5	T	Bromomethane	10.000	9.406	5.9	83	0.00
6	T	Chloroethane	10.000	10.006	-0.1	93	0.00
7	T	Trichlorofluoromethane	10.000	10.667	-6.7	93	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.895	1.1	86	0.00
9	Rt	1,1-Dichloroethene	10.000	10.588	-5.9	93	0.00
10	t	Iodomethane	10.000	10.606	-6.1	89	0.00
11	t	Allyl Chloride	10.000	8.078	19.2	71	0.00
12	t	Acrylonitrile	20.000	17.150	14.3	68	0.00
13	T	Acetone	50.000	45.383	9.2	72	0.00
14	T	Carbon Disulfide	10.000	10.172	-1.7	89	0.00
15	RT	Methylene Chloride	10.000	9.135	8.7	95	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.182	-1.8	91	0.00
17	t	1,1-Dichloroethane	10.000	10.562	-5.6	94	0.00
18	T	2-Butanone	50.000	37.735	24.5	59	0.00
19		Cyclohexane	10.000	10.275	-2.8	91	0.00
20		Methylcyclohexane	10.000	9.643	3.6	83	0.00
21	T	2,2-Dichloropropane	10.000	1.757	82.4#	15	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.313	-3.1	91	0.00
23	t	Diethyl Ether	10.000	10.628	-6.3	93	0.00
24	t	tert-Butyl Alcohol	100.000	94.734	5.3	79	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.468	-4.7	91	0.00
26	t	Bromochloromethane	10.000	10.391	-3.9	94	0.00
27	t	Chloroform	10.000	10.332	-3.3	93	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.543	-5.4	93	0.00
29	T	1,1-Dichloropropene	10.000	10.280	-2.8	89	0.00
30	RT	Carbon Tetrachloride	10.000	10.518	-5.2	93	0.00
31	t	Isopropyl Ether	10.000	10.742	-7.4	94	0.00
32		Ethyl-t-butyl ether	10.000	10.426	-4.3	91	0.00
33		Tert-Amyl methyl ether	10.000	9.929	0.7	88	0.00
34	t	Propionitrile	50.000	42.867	14.3	71	0.00
35	RT	Benzene	10.000	10.538	-5.4	93	0.00
36	RT	1,2-Dichloroethane	10.000	10.311	-3.1	93	0.00
37	RT	Trichloroethene	10.000	10.450	-4.5	92	0.00
38	Rt	1,2-Dichloropropane	10.000	10.489	-4.9	93	0.00
39	t	Methacrylonitrile	10.000	10.029	-0.3	85	0.00
40	t	Methyl acrylate	10.000	10.018	-0.2	85	0.00
41	t	Tetrahydrofuran	20.000	16.818	15.9	73	0.00
42	t	1-Chlorobutane	10.000	10.253	-2.5	91	0.00
43	T	Dibromomethane	10.000	10.622	-6.2	92	0.00
44	T	Bromodichloromethane	10.000	10.760	-7.6	94	0.00
45	T	4-Methyl-2-Pentanone	50.000	52.517	-5.0	91	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	21.992	-10.0	90	0.00
47	t	Methyl methacrylate	20.000	21.151	-5.8	93	0.00
48	t	Ethyl methacrylate	10.000	10.521	-5.2	92	0.00
49	Rt	Toluene	10.000	10.607	-6.1	92	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	7.930	20.7	67	0.00
51	T	cis-1,3-Dichloropropene	10.000	7.972	20.3	68	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.498	-5.0	93	0.00
53	t	1,3-Dichloropropane	10.000	10.469	-4.7	93	0.00
54	t	2-Hexanone	50.000	51.649	-3.3	89	0.00
55	t	Dibromochloromethane	10.000	10.834	-8.3	93	0.00
56	T	1,2-Dibromoethane	10.000	10.555	-5.5	93	0.00
57	S	4-Bromofluorobenzene	1.000	0.992	0.8	91	0.00
58	RT	Tetrachloroethene	10.000	10.944	-9.4	95	0.00
59	Rt	Chlorobenzene	10.000	10.433	-4.3	91	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.856	-8.6	93	0.00
61	t	Pentachloroethane	10.000	9.369	6.3	81	0.00
62	t	Hexachloroethane	10.000	10.750	-7.5	90	0.00
63	Rt	Ethyl Benzene	10.000	10.561	-5.6	91	0.00
64	RT	m/p-Xylenes	20.000	20.999	-5.0	90	0.00
65	RT	o-Xylene	10.000	10.718	-7.2	92	0.00
66	RT	Styrene	10.000	10.671	-6.7	91	0.00
67	t	Bromoform	10.000	10.988	-9.9	91	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.972	2.8	88	0.00
69	T	Isopropylbenzene	10.000	10.430	-4.3	90	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.636	-6.4	93	0.00
71	T	1,2,3-Trichloropropane	10.000	5.366	46.3#	47	0.00
72	t	Bromobenzene	10.000	10.285	-2.9	90	0.00
73	t	n-propylbenzene	10.000	10.172	-1.7	86	0.00
74	t	2-Chlorotoluene	10.000	10.222	-2.2	90	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.384	-3.8	89	0.00
76	t	4-Chlorotoluene	10.000	10.221	-2.2	90	0.00
77	t	tert-Butylbenzene	10.000	10.390	-3.9	89	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.390	-3.9	88	0.00
79	t	sec-Butylbenzene	10.000	10.149	-1.5	87	0.00
80		Nitrobenzene	50.000	49.554	0.9	79	0.00
81	t	p-Isopropyltoluene	10.000	9.951	0.5	85	0.00
82	t	1,3-Dichlorobenzene	10.000	10.132	-1.3	89	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.145	-1.4	89	0.00
84	t	n-Butylbenzene	10.000	9.515	4.8	79	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.264	-2.6	90	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.088	-10.9	91	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	9.978	0.2	84	0.00
88	t	Hexachlorobutadiene	10.000	9.194	8.1	78	0.00
89	t	Naphthalene	10.000	11.138	-11.4	91	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.596	-6.0	89	0.00

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