Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070722\
Data File : VU049645.D
Acq On : 07 Jul 2022 10:27
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 08 09:10:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 07 07:00:33 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	82	0.00
2	T	Dichlorodifluoromethane	10.000	10.656	-6.6	85	0.00
3	t	Chloromethane	10.000	10.208	-2.1	88	0.00
4	Rt	Vinyl Chloride	10.000	10.259	-2.6	83	0.00
5	T	Bromomethane	10.000	9.188	8.1	80	0.00
6	T	Chloroethane	10.000	9.380	6.2	77	0.00
7	T	Trichlorofluoromethane	10.000	10.662	-6.6	85	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.385	-3.8	82	0.00
9	Rt	1,1-Dichloroethene	10.000	10.053	-0.5	80	0.00
10	t	Iodomethane	10.000	10.400	-4.0	78	0.00
11	t	Allyl Chloride	10.000	10.252	-2.5	82	0.00
12	t	Acrylonitrile	20.000	21.698	-8.5	93	0.00
13	T	Acetone	50.000	60.262	-20.5	98	0.01
14	T	Carbon Disulfide	10.000	10.078	-0.8	82	0.00
15	RT	Methylene Chloride	10.000	9.318	6.8	86	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.107	-1.1	81	0.00
17	t	1,1-Dichloroethane	10.000	10.170	-1.7	82	0.00
18	T	2-Butanone	50.000	56.335	-12.7	94	0.00
19		Cyclohexane	10.000	10.057	-0.6	80	0.00
20		Methylcyclohexane	10.000	10.080	-0.8	80	0.00
21	T	2,2-Dichloropropane	10.000	10.442	-4.4	82	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.093	-0.9	81	0.00
23	t	Diethyl Ether	10.000	10.337	-3.4	86	0.00
24	t	tert-Butyl Alcohol	100.000	115.443	-15.4	100	0.03
25	t	Methyl tert-Butyl Ether	10.000	10.458	-4.6	87	0.00
26	t	Bromochloromethane	10.000	10.492	-4.9	85	0.00
27	t	Chloroform	10.000	10.304	-3.0	84	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.337	-3.4	82	0.00
29	T	1,1-Dichloropropene	10.000	10.263	-2.6	82	0.00
30	RT	Carbon Tetrachloride	10.000	10.675	-6.8	83	0.00
31	t	Isopropyl Ether	10.000	10.204	-2.0	82	0.00
32		Ethyl-t-butyl ether	10.000	10.173	-1.7	82	0.00
33		Tert-Amyl methyl ether	10.000	10.189	-1.9	83	0.00
34	t	Propionitrile	50.000	56.838	-13.7	95	0.00
35	RT	Benzene	10.000	10.276	-2.8	82	0.00
36	RT	1,2-Dichloroethane	10.000	10.690	-6.9	89	0.00
37	RT	Trichloroethene	10.000	10.064	-0.6	80	0.00
38	Rt	1,2-Dichloropropane	10.000	10.343	-3.4	83	0.00
39	t	Methacrylonitrile	10.000	10.783	-7.8	89	0.00
40	t	Methyl acrylate	10.000	11.338	-13.4	91	0.00
41	t	Tetrahydrofuran	20.000	22.154	-10.8	92	0.00
42	t	1-Chlorobutane	10.000	10.448	-4.5	83	0.00
43	T	Dibromomethane	10.000	10.598	-6.0	88	0.00
44	T	Bromodichloromethane	10.000	10.649	-6.5	84	0.00
45	T	4-Methyl-2-Pentanone	50.000	53.823	-7.6	91	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	27.649	-38.2#	103	0.00
47	t	Methyl methacrylate	20.000	21.546	-7.7	87	0.00
48	t	Ethyl methacrylate	10.000	10.857	-8.6	88	0.00
49	Rt	Toluene	10.000	10.405	-4.0	82	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.947	-9.5	85	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.611	-6.1	82	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.582	-5.8	87	0.00
53	t	1,3-Dichloropropane	10.000	10.417	-4.2	87	0.00
54	t	2-Hexanone	50.000	55.359	-10.7	93	0.00
55	t	Dibromochloromethane	10.000	10.848	-8.5	85	0.00
56	T	1,2-Dibromoethane	10.000	10.720	-7.2	88	0.00
57	S	4-Bromofluorobenzene	1.000	0.995	0.5	83	0.00
58	RT	Tetrachloroethene	10.000	10.229	-2.3	81	0.00
59	Rt	Chlorobenzene	10.000	10.244	-2.4	82	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.534	-5.3	84	0.00
61	t	Pentachloroethane	10.000	10.760	-7.6	84	0.00
62	t	Hexachloroethane	10.000	10.963	-9.6	85	0.00
63	Rt	Ethyl Benzene	10.000	10.554	-5.5	82	0.00
64	RT	m/p-Xylenes	20.000	20.969	-4.8	81	0.00
65	RT	o-Xylene	10.000	10.338	-3.4	82	0.00
66	RT	Styrene	10.000	10.827	-8.3	83	0.00
67	t	Bromoform	10.000	11.233	-12.3	89	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.039	-3.9	85	0.00
69	T	Isopropylbenzene	10.000	10.512	-5.1	82	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.890	-8.9	93	0.00
71	T	1,2,3-Trichloropropane	10.000	11.583	-15.8	107	0.00
72	t	Bromobenzene	10.000	10.714	-7.1	84	0.00
73	t	n-propylbenzene	10.000	10.788	-7.9	82	0.00
74	t	2-Chlorotoluene	10.000	10.619	-6.2	83	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.493	-4.9	81	0.00
76	t	4-Chlorotoluene	10.000	11.022	-10.2	87	0.00
77	t	tert-Butylbenzene	10.000	10.510	-5.1	83	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.694	-6.9	82	0.00
79	t	sec-Butylbenzene	10.000	10.624	-6.2	82	0.00
80		Nitrobenzene	50.000	59.448	-18.9	98	0.00
81	t	p-Isopropyltoluene	10.000	10.847	-8.5	83	0.00
82	t	1,3-Dichlorobenzene	10.000	10.602	-6.0	83	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.458	-4.6	84	0.00
84	t	n-Butylbenzene	10.000	11.399	-14.0	84	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.450	-4.5	86	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.804	-18.0	99	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.343	-13.4	85	0.00
88	t	Hexachlorobutadiene	10.000	11.370	-13.7	85	0.00
89	t	Naphthalene	10.000	11.462	-14.6	89	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.188	-11.9	86	0.00

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