Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091622\
Data File : VU050727.D
Acq On : 16 Sep 2022 16:50
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Sep 17 01:08:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 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	10.219	-2.2	90	0.00
3	t	Chloromethane	10.000	7.865	21.3	71	0.00
4	Rt	Vinyl Chloride	10.000	9.006	9.9	78	0.00
5	T	Bromomethane	10.000	10.965	-9.6	102	0.00
6	T	Chloroethane	10.000	8.471	15.3	74	0.00
7	T	Trichlorofluoromethane	10.000	8.743	12.6	77	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	8.999	10.0	80	0.00
9	Rt	1,1-Dichloroethene	10.000	8.232	17.7	73	0.00
10	t	Iodomethane	10.000	11.088	-10.9	95	0.00
11	t	Allyl Chloride	10.000	8.944	10.6	79	0.00
12	t	Acrylonitrile	20.000	23.956	-19.8	103	0.00
13	T	Acetone	50.000	59.977	-20.0	107	0.00
14	T	Carbon Disulfide	10.000	7.370	26.3	66	0.00
15	RT	Methylene Chloride	10.000	9.231	7.7	92	0.00
16	RT	trans-1,2-Dichloroethene	10.000	8.491	15.1	75	0.00
17	t	1,1-Dichloroethane	10.000	9.307	6.9	82	0.00
18	T	2-Butanone	50.000	67.267	-34.5#	114	0.00
19		Cyclohexane	10.000	9.318	6.8	84	0.00
20		Methylcyclohexane	10.000	11.395	-13.9	87	0.00
21	T	2,2-Dichloropropane	10.000	8.907	10.9	84	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.463	5.4	84	0.00
23	t	Diethyl Ether	10.000	9.775	2.2	86	0.00
24	t	tert-Butyl Alcohol	100.000	119.066	-19.1	115	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.217	-2.2	91	0.00
26	t	Bromochloromethane	10.000	11.733	-17.3	107	0.00
27	t	Chloroform	10.000	9.687	3.1	86	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.267	7.3	82	0.00
29	T	1,1-Dichloropropene	10.000	9.621	3.8	86	0.00
30	RT	Carbon Tetrachloride	10.000	9.614	3.9	83	0.00
31	t	Isopropyl Ether	10.000	8.071	19.3	72	0.00
32		Ethyl-t-butyl ether	10.000	9.488	5.1	82	0.00
33		Tert-Amyl methyl ether	10.000	14.102	-41.0#	105	0.00
34	t	Propionitrile	50.000	73.595	-47.2#	146	0.00
35	RT	Benzene	10.000	10.407	-4.1	89	0.00
36	RT	1,2-Dichloroethane	10.000	11.001	-10.0	97	0.00
37	RT	Trichloroethene	10.000	9.520	4.8	84	0.00
38	Rt	1,2-Dichloropropane	10.000	11.141	-11.4	93	0.00
39	t	Methacrylonitrile	10.000	11.302	-13.0	110	0.00
40	t	Methyl acrylate	10.000	12.248	-22.5	120	0.00
41	t	Tetrahydrofuran	20.000	26.199	-31.0#	117	0.00
42	t	1-Chlorobutane	10.000	9.758	2.4	89	0.00
43	T	Dibromomethane	10.000	11.382	-13.8	97	0.00
44	T	Bromodichloromethane	10.000	10.666	-6.7	92	0.00
45	T	4-Methyl-2-Pentanone	50.000	79.046	-58.1#	120	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	18.897	5.5	80	0.00
47	t	Methyl methacrylate	20.000	24.651	-23.3	113	0.00
48	t	Ethyl methacrylate	10.000	11.173	-11.7	103	0.00
49	Rt	Toluene	10.000	11.212	-12.1	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	12.308	-23.1	98	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.405	-14.0	92	0.00
52	RT	1,1,2-Trichloroethane	10.000	11.487	-14.9	98	0.00
53	t	1,3-Dichloropropane	10.000	11.986	-19.9	99	0.00
54	t	2-Hexanone	50.000	79.562	-59.1#	122	0.00
55	t	Dibromochloromethane	10.000	10.791	-7.9	93	0.00
56	T	1,2-Dibromoethane	10.000	11.768	-17.7	98	0.00
57	S	4-Bromofluorobenzene	1.000	1.864	-86.4#	145	0.00
58	RT	Tetrachloroethene	10.000	9.126	8.7	79	0.00
59	Rt	Chlorobenzene	10.000	10.627	-6.3	84	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.019	-0.2	85	0.00
61	t	Pentachloroethane	10.000	10.429	-4.3	88	0.00
62	t	Hexachloroethane	10.000	10.619	-6.2	86	0.00
63	Rt	Ethyl Benzene	10.000	8.861	11.4	80	0.00
64	RT	m/p-Xylenes	20.000	18.524	7.4	82	0.00
65	RT	o-Xylene	10.000	9.059	9.4	81	0.00
66	RT	Styrene	10.000	9.097	9.0	81	0.00
67	t	Bromoform	10.000	11.803	-18.0	99	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.961	3.9	83	0.00
69	T	Isopropylbenzene	10.000	8.889	11.1	80	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	12.508	-25.1	107	0.00
71	T	1,2,3-Trichloropropane	10.000	11.942	-19.4	99	0.00
72	t	Bromobenzene	10.000	10.373	-3.7	82	0.00
73	t	n-propylbenzene	10.000	8.671	13.3	77	0.00
74	t	2-Chlorotoluene	10.000	9.184	8.2	81	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.023	9.8	79	0.00
76	t	4-Chlorotoluene	10.000	9.166	8.3	78	0.00
77	t	tert-Butylbenzene	10.000	8.802	12.0	79	0.00
78	t	1,2,4-Trimethylbenzene	10.000	8.772	12.3	78	0.00
79	t	sec-Butylbenzene	10.000	8.433	15.7	75	0.00
80		Nitrobenzene	50.000	54.544	-9.1	94	0.00
81	t	p-Isopropyltoluene	10.000	7.941	20.6	70	0.00
82	t	1,3-Dichlorobenzene	10.000	10.257	-2.6	80	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.313	-3.1	80	0.00
84	t	n-Butylbenzene	10.000	7.714	22.9	69	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.364	-3.6	82	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	12.050	-20.5	103	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	9.498	5.0	72	0.00
88	t	Hexachlorobutadiene	10.000	8.410	15.9	69	0.00
89	t	Naphthalene	10.000	7.778	22.2	73	0.00
90	t	1,2,3-Trichlorobenzene	10.000	8.160	18.4	74	0.00

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