Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080524\
Data File : VU060312.D
Acq On : 05 Aug 2024 15:14
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU080524

Quant Time: Aug 06 06:03:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 05:58:50 2024
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	97	0.00
2	T	Dichlorodifluoromethane	10.000	8.670	13.3	81	0.00
3	t	Chloromethane	10.000	8.271	17.3	82	0.00
4	Rt	Vinyl Chloride	10.000	8.840	11.6	84	0.00
5	T	Bromomethane	10.000	7.770	22.3	74	-0.02
6	T	Chloroethane	10.000	8.965	10.4	85	-0.03
7	T	Trichlorofluoromethane	10.000	9.253	7.5	87	-0.02
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.339	-3.4	98	0.00
9	Rt	1,1-Dichloroethene	10.000	9.978	0.2	97	0.00
10	t	Iodomethane	10.000	9.974	0.3	93	0.00
11	t	Allyl Chloride	10.000	10.801	-8.0	102	0.00
12	t	Acrylonitrile	20.000	43.680	-118.4#	223	-0.01
13	T	Acetone	50.000	33.150	33.7#	76	-0.02
14	T	Carbon Disulfide	10.000	8.950	10.5	86	0.00
15	RT	Methylene Chloride	10.000	9.364	6.4	93	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.422	5.8	89	0.00
17	t	1,1-Dichloroethane	10.000	9.569	4.3	92	0.00
18	T	2-Butanone	50.000	37.327	25.3	83	-0.01
19		Cyclohexane	10.000	9.416	5.8	88	0.00
20		Methylcyclohexane	10.000	10.384	-3.8	86	0.00
21	T	2,2-Dichloropropane	10.000	9.963	0.4	97	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.553	-5.5	100	0.00
23	t	Diethyl Ether	10.000	9.136	8.6	90	0.00
24	t	tert-Butyl Alcohol	100.000	44.982	55.0#	51	-0.04
25	t	Methyl tert-Butyl Ether	10.000	9.535	4.6	93	0.00
26	t	Bromochloromethane	10.000	14.566	-45.7#	140	0.00
27	t	Chloroform	10.000	9.549	4.5	93	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.613	3.9	93	0.00
29	T	1,1-Dichloropropene	10.000	9.112	8.9	86	0.00
30	RT	Carbon Tetrachloride	10.000	9.806	1.9	93	0.00
31	t	Isopropyl Ether	10.000	10.081	-0.8	96	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	-5.95#
34	t	Propionitrile	50.000	87.524	-75.0#	189	-0.02
35	RT	Benzene	10.000	9.959	0.4	92	0.00
36	RT	1,2-Dichloroethane	10.000	9.118	8.8	88	0.00
37	RT	Trichloroethene	10.000	9.172	8.3	85	0.00
38	Rt	1,2-Dichloropropane	10.000	9.412	5.9	87	0.00
39	t	Methacrylonitrile	10.000	8.683	13.2	92	0.00
40	t	Methyl acrylate	10.000	8.907	10.9	95	0.00
41	t	Tetrahydrofuran	20.000	40.245	-101.2#	228	0.00
42	t	1-Chlorobutane	10.000	9.978	0.2	94	0.00
43	T	Dibromomethane	10.000	9.703	3.0	93	0.00
44	T	Bromodichloromethane	10.000	10.037	-0.4	95	0.00
45	T	4-Methyl-2-Pentanone	50.000	50.272	-0.5	93	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	10.636	46.8#	49	0.00
47	t	Methyl methacrylate	20.000	8.957	55.2#	39	0.00
48	t	Ethyl methacrylate	10.000	10.937	-9.4	93	0.00
49	Rt	Toluene	10.000	10.843	-8.4	91	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.182	-1.8	90	0.00
51	T	cis-1,3-Dichloropropene	10.000	9.593	4.1	86	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.278	7.2	90	0.00
53	t	1,3-Dichloropropane	10.000	9.503	5.0	88	0.00
54	t	2-Hexanone	50.000	48.773	2.5	91	0.00
55	t	Dibromochloromethane	10.000	9.741	2.6	91	0.00
56	T	1,2-Dibromoethane	10.000	9.370	6.3	88	0.00
57	S	4-Bromofluorobenzene	1.000	1.072	-7.2	93	0.00
58	RT	Tetrachloroethene	10.000	10.198	-2.0	93	0.00
59	Rt	Chlorobenzene	10.000	10.505	-5.1	92	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.600	4.0	90	0.00
61	t	Pentachloroethane	10.000	10.689	-6.9	98	0.00
62	t	Hexachloroethane	10.000	10.218	-2.2	92	0.00
63	Rt	Ethyl Benzene	10.000	9.757	2.4	92	0.00
64	RT	m/p-Xylenes	20.000	19.601	2.0	93	0.00
65	RT	o-Xylene	10.000	9.429	5.7	91	0.00
66	RT	Styrene	10.000	10.117	-1.2	96	0.00
67	t	Bromoform	10.000	9.839	1.6	95	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.096	-9.6	100	0.00
69	T	Isopropylbenzene	10.000	9.892	1.1	95	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.250	7.5	89	0.00
71	T	1,2,3-Trichloropropane	10.000	9.614	3.9	85	0.00
72	t	Bromobenzene	10.000	10.909	-9.1	93	0.00
73	t	n-propylbenzene	10.000	9.308	6.9	88	0.00
74	t	2-Chlorotoluene	10.000	9.908	0.9	93	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.808	1.9	93	0.00
76	t	4-Chlorotoluene	10.000	9.878	1.2	92	0.00
77	t	tert-Butylbenzene	10.000	9.723	2.8	94	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.686	3.1	92	0.00
79	t	sec-Butylbenzene	10.000	9.749	2.5	92	0.00
80		Nitrobenzene	50.000	10.399	79.2#	20	0.00
81	t	p-Isopropyltoluene	10.000	9.794	2.1	93	0.00
82	t	1,3-Dichlorobenzene	10.000	11.058	-10.6	94	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.310	-13.1	94	0.00
84	t	n-Butylbenzene	10.000	9.739	2.6	91	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.131	-11.3	96	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.917	0.8	95	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	12.784	-27.8	107	0.00
88	t	Hexachlorobutadiene	10.000	10.853	-8.5	93	0.00
89	t	Naphthalene	10.000	10.692	-6.9	105	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.910	-19.1	99	0.00

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