Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012220\
Data File : VU036530.D
Acq On : 22 Jan 2020 17:38
Operator : JC/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU012220

Quant Time: Jan 23 09:22:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jan 23 08:59:25 2020
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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	i	Fluorobenzene	1.000	1.000	0.0	99	0.00
2	T	Dichlorodifluoromethane	0.331	0.256	22.7	77	0.00
3	t	Chloromethane	0.354	0.316	10.7	91	0.00
4	Rt	Vinyl Chloride	0.401	0.334	16.7	83	0.00
5	T	Bromomethane	0.249	0.219	12.0	98	0.00
6	T	Chloroethane	0.238	0.209	12.2	97	0.00
7	T	Trichlorofluoromethane	0.397	0.394	0.8	100	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.247	0.249	-0.8	101	0.00
9	Rt	1,1-Dichloroethene	0.263	0.263	0.0	102	0.00
10	t	Iodomethane	0.282	0.318	-12.8	93	0.00
11	t	Allyl Chloride	0.364	0.354	2.7	98	0.00
12	t	Acrylonitrile	0.064	0.151	-135.9#	240#	0.00
13	T	Acetone	0.053	0.065	-22.6	152	0.00
14	T	Carbon Disulfide	0.911	0.859	5.7	95	0.00
15	RT	Methylene Chloride	0.346	0.292	15.6	99	0.00
16	RT	trans-1,2-Dichloroethene	0.290	0.288	0.7	100	0.00
17	t	1,1-Dichloroethane	0.473	0.458	3.2	97	0.00
18	T	2-Butanone	0.069	0.075	-8.7	111	0.00
19		Cyclohexane	0.432	0.419	3.0	97	0.00
20		Methylcyclohexane	0.482	0.483	-0.2	98	0.00
21	T	2,2-Dichloropropane	0.404	0.392	3.0	96	0.00
22	RT	cis-1,2-Dichloroethene	0.301	0.304	-1.0	101	0.00
23	t	Diethyl Ether	0.203	0.186	8.4	91	0.00
24	t	tert-Butyl Alcohol	0.018	0.009	50.0#	50	0.00
25	t	Methyl tert-Butyl Ether	0.689	0.656	4.8	95	0.00
26	t	Bromochloromethane	0.130	0.139	-6.9	107	0.00
27	t	Chloroform	0.468	0.454	3.0	97	0.00
28	RT	1,1,1-Trichloroethane	0.392	0.385	1.8	97	0.00
29	T	1,1-Dichloropropene	0.383	0.368	3.9	96	0.00
30	RT	Carbon Tetrachloride	0.336	0.330	1.8	97	0.00
31	t	Isopropyl Ether	0.718	0.712	0.8	99	0.00
32		Ethyl-t-butyl ether	0.751	0.000	100.0#	0#	-4.56#
33		Tert-Amyl methyl ether	0.687	0.000	100.0#	0#	-5.99#
34	t	Propionitrile	0.020	0.042	-110.0#	195	0.00
35	RT	Benzene	1.108	1.083	2.3	98	0.00
36	RT	1,2-Dichloroethane	0.298	0.293	1.7	97	0.00
37	RT	Trichloroethene	0.306	0.300	2.0	98	0.00
38	Rt	1,2-Dichloropropane	0.279	0.269	3.6	97	0.00
39	t	Methacrylonitrile	0.084	0.083	1.2	97	0.00
40	t	Methyl acrylate	0.133	0.150	-12.8	102	0.00
41	t	Tetrahydrofuran	0.046	0.107	-132.6#	237#	0.00
42	t	1-Chlorobutane	0.496	0.479	3.4	96	0.00
43	T	Dibromomethane	0.145	0.144	0.7	98	0.00
44	T	Bromodichloromethane	0.344	0.341	0.9	98	0.00
45	T	4-Methyl-2-Pentanone	0.164	0.157	4.3	96	0.00
46	t	t-1,4-Dichloro-2-butene	0.072	0.040	44.4#	45	0.00

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	t	Methyl methacrylate	0.142	0.070	50.7#	49	0.00
48	t	Ethyl methacrylate	0.275	0.282	-2.5	99	0.00
49	Rt	Toluene	0.707	0.692	2.1	99	0.00
50	T	t-1,3-Dichloropropene	0.343	0.358	-4.4	99	0.00
51	T	cis-1,3-Dichloropropene	0.415	0.431	-3.9	100	0.00
52	RT	1,1,2-Trichloroethane	0.206	0.205	0.5	98	0.00
53	t	1,3-Dichloropropane	0.354	0.349	1.4	97	0.00
54	t	2-Hexanone	0.115	0.124	-7.8	105	0.00
55	t	Dibromochloromethane	0.238	0.243	-2.1	100	0.00
56	T	1,2-Dibromoethane	0.199	0.201	-1.0	100	0.00
57	S	4-Bromofluorobenzene	0.378	0.368	2.6	98	0.00
58	RT	Tetrachloroethene	0.306	0.299	2.3	101	0.00
59	Rt	Chlorobenzene	0.788	0.761	3.4	97	0.00
60	T	1,1,1,2-Tetrachloroethane	0.252	0.253	-0.4	99	0.00
61	t	Pentachloroethane	0.162	0.171	-5.6	99	0.00
62	t	Hexachloroethane	0.207	0.211	-1.9	99	0.00
63	Rt	Ethyl Benzene	1.320	1.330	-0.8	100	0.00
64	RT	m/p-Xylenes	0.523	0.517	1.1	99	0.00
65	RT	o-Xylene	0.506	0.495	2.2	97	0.00
66	RT	Styrene	0.848	0.843	0.6	99	0.00
67	t	Bromoform	0.136	0.139	-2.2	97	0.00
68	S	1,2-Dichlorobenzene-d4	0.386	0.381	1.3	102	0.00
69	T	Isopropylbenzene	1.330	1.319	0.8	99	0.00
70	T	1,1,2,2-Tetrachloroethane	0.260	0.255	1.9	97	0.00
71	T	1,2,3-Trichloropropane	0.186	0.183	1.6	104	0.00
72	t	Bromobenzene	0.320	0.324	-1.3	100	0.00
73	t	n-propylbenzene	0.373	0.371	0.5	96	0.00
74	t	2-Chlorotoluene	0.320	0.311	2.8	98	0.00
75	t	1,3,5-Trimethylbenzene	1.140	1.159	-1.7	102	0.00
76	t	4-Chlorotoluene	0.331	0.330	0.3	98	0.00
77	t	tert-Butylbenzene	1.081	1.052	2.7	98	0.00
78	t	1,2,4-Trimethylbenzene	1.176	1.164	1.0	100	0.00
79	t	sec-Butylbenzene	1.499	1.377	8.1	93	0.00
80		Nitrobenzene	0.004	0.000	100.0#	0#	-13.23#
81	t	p-Isopropyltoluene	1.253	1.274	-1.7	102	0.00
82	t	1,3-Dichlorobenzene	0.641	0.622	3.0	97	0.00
83	Rt	1,4-Dichlorobenzene	0.641	0.621	3.1	98	0.00
84	t	n-Butylbenzene	1.159	1.213	-4.7	102	0.00
85	Rt	1,2-Dichlorobenzene	0.613	0.590	3.8	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.044	0.042	4.5	99	0.00
87	Rt	1,2,4-Trichlorobenzene	0.392	0.441	-12.5	102	0.00
88	t	Hexachlorobutadiene	0.215	0.218	-1.4	102	0.00
89	t	Naphthalene	0.676	0.792	-17.2	102	0.00
90	t	1,2,3-Trichlorobenzene	0.369	0.401	-8.7	102	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

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