Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102220\
Data File : VU040924.D
Acq On : 23 Oct 2020 01:49
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
LabSampleId : VSTDCCC010

Quant Time: Oct 23 07:47:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 07:07:33 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	102	0.00
2	T	Dichlorodifluoromethane	0.466	0.423	9.2	100	0.00
3	t	Chloromethane	0.486	0.439	9.7	99	0.00
4	Rt	Vinyl Chloride	0.453	0.420	7.3	98	0.00
5	T	Bromomethane	0.266	0.227	14.7	104	0.00
6	T	Chloroethane	0.277	0.252	9.0	100	0.00
7	T	Trichlorofluoromethane	0.572	0.542	5.2	100	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.318	0.297	6.6	99	0.00
9	Rt	1,1-Dichloroethene	0.277	0.262	5.4	99	0.00
10	t	Iodomethane	0.269	0.341	-26.8	102	0.00
11	t	Allyl Chloride	0.570	0.531	6.8	99	0.00
12	t	Acrylonitrile	0.098	0.095	3.1	102	0.00
13	T	Acetone	0.082	0.076	7.3	103	0.00
14	T	Carbon Disulfide	1.041	0.977	6.1	98	0.00
15	RT	Methylene Chloride	0.360	0.313	13.1	100	0.00
16	RT	trans-1,2-Dichloroethene	0.313	0.294	6.1	99	0.00
17	t	1,1-Dichloroethane	0.641	0.602	6.1	100	0.00
18	T	2-Butanone	0.132	0.129	2.3	101	0.00
19		Cyclohexane	0.603	0.574	4.8	99	0.00
20		Methylcyclohexane	0.451	0.468	-3.8	95	0.00
21	T	2,2-Dichloropropane	0.541	0.447	17.4	91	0.00
22	RT	cis-1,2-Dichloroethene	0.334	0.310	7.2	102	0.00
23	t	Diethyl Ether	0.273	0.258	5.5	98	0.00
24	t	tert-Butyl Alcohol	0.031	0.029	6.5	95	0.00
25	t	Methyl tert-Butyl Ether	0.859	0.818	4.8	100	0.00
26	t	Bromochloromethane	0.145	0.140	3.4	102	0.00
27	t	Chloroform	0.613	0.573	6.5	100	0.00
28	RT	1,1,1-Trichloroethane	0.528	0.492	6.8	99	0.00
29	T	1,1-Dichloropropene	0.463	0.440	5.0	99	0.00
30	RT	Carbon Tetrachloride	0.478	0.441	7.7	99	0.00
31	t	Isopropyl Ether	0.991	0.925	6.7	99	0.00
32		Ethyl-t-butyl ether	0.873	0.823	5.7	99	0.00
33		Tert-Amyl methyl ether	0.650	0.660	-1.5	99	0.00
34	t	Propionitrile	0.036	0.034	5.6	99	0.00
35	RT	Benzene	1.283	1.228	4.3	98	0.00
36	RT	1,2-Dichloroethane	0.476	0.449	5.7	101	0.00
37	RT	Trichloroethene	0.303	0.287	5.3	98	0.00
38	Rt	1,2-Dichloropropane	0.364	0.349	4.1	98	0.00
39	t	Methacrylonitrile	0.170	0.160	5.9	99	0.00
40	t	Methyl acrylate	0.233	0.228	2.1	101	0.00
41	t	Tetrahydrofuran	0.088	0.081	8.0	101	0.00
42	t	1-Chlorobutane	0.700	0.655	6.4	97	0.00
43	T	Dibromomethane	0.204	0.194	4.9	102	0.00
44	T	Bromodichloromethane	0.474	0.456	3.8	100	0.00
45	T	4-Methyl-2-Pentanone	0.268	0.289	-7.8	100	0.00
46	t	t-1,4-Dichloro-2-butene	0.106	0.102	3.8	96	0.00

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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	0.170	0.187	-10.0	100	0.00
48	t	Ethyl methacrylate	0.287	0.310	-8.0	98	0.00
49	Rt	Toluene	0.706	0.732	-3.7	96	0.00
50	T	t-1,3-Dichloropropene	0.409	0.409	0.0	97	0.00
51	T	cis-1,3-Dichloropropene	0.449	0.431	4.0	94	0.00
52	RT	1,1,2-Trichloroethane	0.258	0.259	-0.4	103	0.00
53	t	1,3-Dichloropropane	0.463	0.464	-0.2	101	0.00
54	t	2-Hexanone	0.187	0.201	-7.5	100	0.00
55	t	Dibromochloromethane	0.309	0.299	3.2	101	0.00
56	T	1,2-Dibromoethane	0.239	0.239	0.0	101	0.00
57	S	4-Bromofluorobenzene	0.365	0.378	-3.6	101	0.00
58	RT	Tetrachloroethene	0.284	0.270	4.9	100	0.00
59	Rt	Chlorobenzene	0.747	0.740	0.9	97	0.00
60	T	1,1,1,2-Tetrachloroethane	0.293	0.285	2.7	100	0.00
61	t	Pentachloroethane	0.237	0.223	5.9	99	0.00
62	t	Hexachloroethane	0.241	0.241	0.0	99	0.00
63	Rt	Ethyl Benzene	1.237	1.335	-7.9	97	0.00
64	RT	m/p-Xylenes	0.471	0.539	-14.4	99	0.00
65	RT	o-Xylene	0.434	0.480	-10.6	97	0.00
66	RT	Styrene	0.768	0.894	-16.4	99	0.00
67	t	Bromoform	0.167	0.164	1.8	100	0.00
68	S	1,2-Dichlorobenzene-d4	0.381	0.367	3.7	99	0.00
69	T	Isopropylbenzene	1.159	1.268	-9.4	97	0.00
70	T	1,1,2,2-Tetrachloroethane	0.351	0.348	0.9	101	0.00
71	T	1,2,3-Trichloropropane	0.268	0.287	-7.1	99	0.00
72	t	Bromobenzene	0.302	0.305	-1.0	97	0.00
73	t	n-propylbenzene	0.331	0.374	-13.0	97	0.00
74	t	2-Chlorotoluene	0.301	0.315	-4.7	97	0.00
75	t	1,3,5-Trimethylbenzene	1.034	1.157	-11.9	97	0.00
76	t	4-Chlorotoluene	0.312	0.346	-10.9	99	0.00
77	t	tert-Butylbenzene	0.979	1.057	-8.0	98	0.00
78	t	1,2,4-Trimethylbenzene	1.060	1.219	-15.0	99	0.00
79	t	sec-Butylbenzene	1.360	1.502	-10.4	98	0.00
80		Nitrobenzene	0.017	0.017	0.0	96	0.00
81	t	p-Isopropyltoluene	1.119	1.268	-13.3	97	0.00
82	t	1,3-Dichlorobenzene	0.659	0.641	2.7	97	0.00
83	Rt	1,4-Dichlorobenzene	0.666	0.667	-0.2	101	0.00
84	t	n-Butylbenzene	1.138	1.263	-11.0	97	0.00
85	Rt	1,2-Dichlorobenzene	0.630	0.632	-0.3	99	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.066	0.064	3.0	101	0.00
87	Rt	1,2,4-Trichlorobenzene	0.369	0.371	-0.5	94	0.00
88	t	Hexachlorobutadiene	0.207	0.200	3.4	96	0.00
89	t	Naphthalene	0.714	0.829	-16.1	97	0.00
90	t	1,2,3-Trichlorobenzene	0.359	0.393	-9.5	97	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

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