Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
Data File : VU046655.D
Acq On : 30 Dec 2021 17:48
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Dec 31 07:28:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Dec 30 12:44:59 2021
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	101	0.00
2	T	Dichlorodifluoromethane	0.383	0.332	13.3	98	0.00
3	t	Chloromethane	0.339	0.298	12.1	99	0.00
4	Rt	Vinyl Chloride	0.364	0.322	11.5	96	0.00
5	T	Bromomethane	0.190	0.188	1.1	107	0.00
6	T	Chloroethane	0.216	0.186	13.9	98	0.00
7	T	Trichlorofluoromethane	0.510	0.449	12.0	99	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.284	0.246	13.4	98	0.00
9	Rt	1,1-Dichloroethene	0.267	0.231	13.5	96	0.00
10	t	Iodomethane	0.218	0.291	-33.5#	114	0.00
11	t	Allyl Chloride	0.336	0.310	7.7	99	0.00
12	t	Acrylonitrile	0.071	0.066	7.0	98	0.00
13	T	Acetone	0.064	0.050	21.9	94	0.00
14	T	Carbon Disulfide	0.852	0.740	13.1	97	0.00
15	RT	Methylene Chloride	0.343	0.268	21.9	98	0.00
16	RT	trans-1,2-Dichloroethene	0.279	0.261	6.5	99	0.00
17	t	1,1-Dichloroethane	0.520	0.472	9.2	100	0.00
18	T	2-Butanone	0.096	0.085	11.5	97	0.00
19		Cyclohexane	0.340	0.326	4.1	98	0.00
20		Methylcyclohexane	0.402	0.410	-2.0	101	0.00
21	T	2,2-Dichloropropane	0.443	0.400	9.7	98	0.00
22	RT	cis-1,2-Dichloroethene	0.298	0.282	5.4	99	0.00
23	t	Diethyl Ether	0.199	0.174	12.6	98	0.00
24	t	tert-Butyl Alcohol	0.019	0.022	-15.8	108	0.00
25	t	Methyl tert-Butyl Ether	0.645	0.628	2.6	99	0.00
26	t	Bromochloromethane	0.148	0.133	10.1	100	0.00
27	t	Chloroform	0.577	0.504	12.7	99	0.00
28	RT	1,1,1-Trichloroethane	0.498	0.452	9.2	100	0.00
29	T	1,1-Dichloropropene	0.392	0.378	3.6	99	0.00
30	RT	Carbon Tetrachloride	0.454	0.406	10.6	99	0.00
31	t	Isopropyl Ether	0.647	0.651	-0.6	100	0.00
32		Ethyl-t-butyl ether	0.640	0.637	0.5	100	0.00
33		Tert-Amyl methyl ether	0.616	0.628	-1.9	101	0.00
34	t	Propionitrile	0.028	0.028	0.0	112	-0.01
35	RT	Benzene	1.119	1.051	6.1	99	0.00
36	RT	1,2-Dichloroethane	0.384	0.345	10.2	96	0.00
37	RT	Trichloroethene	0.286	0.263	8.0	99	0.00
38	Rt	1,2-Dichloropropane	0.296	0.281	5.1	100	0.00
39	t	Methacrylonitrile	0.095	0.095	0.0	101	0.00
40	t	Methyl acrylate	0.167	0.167	0.0	90	0.00
41	t	Tetrahydrofuran	0.048	0.050	-4.2	97	0.00
42	t	1-Chlorobutane	0.514	0.504	1.9	99	0.00
43	T	Dibromomethane	0.175	0.159	9.1	97	0.00
44	T	Bromodichloromethane	0.436	0.393	9.9	99	0.00
45	T	4-Methyl-2-Pentanone	0.187	0.184	1.6	95	0.00
46	t	t-1,4-Dichloro-2-butene	0.101	0.090	10.9	83	0.00
47	t	Methyl methacrylate	0.143	0.143	0.0	95	0.00
48	t	Ethyl methacrylate	0.254	0.267	-5.1	98	0.00
49	Rt	Toluene	0.655	0.669	-2.1	99	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.376	0.366	2.7	98	0.00
51	T	cis-1,3-Dichloropropene	0.414	0.403	2.7	98	0.00
52	RT	1,1,2-Trichloroethane	0.244	0.216	11.5	96	0.00
53	t	1,3-Dichloropropane	0.416	0.388	6.7	98	0.00
54	t	2-Hexanone	0.137	0.136	0.7	93	0.00
55	t	Dibromochloromethane	0.305	0.276	9.5	98	0.00
56	T	1,2-Dibromoethane	0.232	0.209	9.9	96	0.00
57	S	4-Bromofluorobenzene	0.356	0.369	-3.7	105	0.00
58	RT	Tetrachloroethene	0.253	0.231	8.7	99	0.00
59	Rt	Chlorobenzene	0.707	0.695	1.7	101	0.00
60	T	1,1,1,2-Tetrachloroethane	0.297	0.269	9.4	99	0.00
61	t	Pentachloroethane	0.247	0.220	10.9	101	0.00
62	t	Hexachloroethane	0.248	0.235	5.2	102	0.00
63	Rt	Ethyl Benzene	1.160	1.254	-8.1	100	0.00
64	RT	m/p-Xylenes	0.460	0.502	-9.1	100	0.00
65	RT	o-Xylene	0.435	0.468	-7.6	100	0.00
66	RT	Styrene	0.761	0.845	-11.0	100	0.00
67	t	Bromoform	0.183	0.165	9.8	98	0.00
68	S	1,2-Dichlorobenzene-d4	0.385	0.375	2.6	98	0.00
69	T	Isopropylbenzene	1.147	1.237	-7.8	101	0.00
70	T	1,1,2,2-Tetrachloroethane	0.326	0.286	12.3	94	0.00
71	T	1,2,3-Trichloropropane	0.209	0.191	8.6	98	0.00
72	t	Bromobenzene	0.305	0.296	3.0	99	0.00
73	t	n-propylbenzene	0.327	0.352	-7.6	102	0.00
74	t	2-Chlorotoluene	0.283	0.292	-3.2	100	0.00
75	t	1,3,5-Trimethylbenzene	0.981	1.091	-11.2	100	0.00
76	t	4-Chlorotoluene	0.301	0.320	-6.3	101	0.00
77	t	tert-Butylbenzene	0.975	1.049	-7.6	101	0.00
78	t	1,2,4-Trimethylbenzene	1.000	1.126	-12.6	100	0.00
79	t	sec-Butylbenzene	1.321	1.429	-8.2	100	0.00
80		Nitrobenzene	0.013	0.017	-30.8#	107	0.00
81	t	p-Isopropyltoluene	1.087	1.207	-11.0	100	0.00
82	t	1,3-Dichlorobenzene	0.625	0.597	4.5	99	0.00
83	Rt	1,4-Dichlorobenzene	0.625	0.614	1.8	100	0.00
84	t	n-Butylbenzene	1.040	1.122	-7.9	99	0.00
85	Rt	1,2-Dichlorobenzene	0.599	0.578	3.5	100	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.060	0.059	1.7	98	0.00
87	Rt	1,2,4-Trichlorobenzene	0.363	0.378	-4.1	100	0.00
88	t	Hexachlorobutadiene	0.224	0.212	5.4	102	0.00
89	t	Naphthalene	0.673	0.774	-15.0	98	0.00
90	t	1,2,3-Trichlorobenzene	0.354	0.383	-8.2	100	0.00

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