Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032122\
Data File : VU047630.D
Acq On : 21 Mar 2022 16:39
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Mar 22 01:49:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 18 13:19:37 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	i	Fluorobenzene	1.000	1.000	0.0	96	0.00
2	T	Dichlorodifluoromethane	0.361	0.353	2.2	97	0.00
3	t	Chloromethane	0.353	0.349	1.1	99	0.00
4	Rt	Vinyl Chloride	0.343	0.328	4.4	95	0.00
5	T	Bromomethane	0.201	0.188	6.5	93	0.00
6	T	Chloroethane	0.205	0.200	2.4	97	0.00
7	T	Trichlorofluoromethane	0.474	0.456	3.8	96	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.271	0.260	4.1	95	0.00
9	Rt	1,1-Dichloroethene	0.267	0.259	3.0	97	0.00
10	t	Iodomethane	0.109	0.160	-46.8#	117	0.00
11	t	Allyl Chloride	0.336	0.327	2.7	98	0.00
12	t	Acrylonitrile	0.059	0.060	-1.7	96	0.00
13	T	Acetone	0.040	0.040	0.0	104	0.00
14	T	Carbon Disulfide	0.845	0.799	5.4	94	0.00
15	RT	Methylene Chloride	0.389	0.304	21.9	97	0.00
16	RT	trans-1,2-Dichloroethene	0.281	0.269	4.3	94	0.00
17	t	1,1-Dichloroethane	0.477	0.473	0.8	98	0.00
18	T	2-Butanone	0.063	0.066	-4.8	98	0.00
19		Cyclohexane	0.358	0.375	-4.7	95	0.00
20		Methylcyclohexane	0.411	0.449	-9.2	99	0.00
21	T	2,2-Dichloropropane	0.420	0.425	-1.2	100	0.00
22	RT	cis-1,2-Dichloroethene	0.305	0.310	-1.6	99	0.00
23	t	Diethyl Ether	0.195	0.192	1.5	97	0.00
24	t	tert-Butyl Alcohol	0.013	0.013	0.0	105	0.00
25	t	Methyl tert-Butyl Ether	0.651	0.650	0.2	97	0.00
26	t	Bromochloromethane	0.154	0.151	1.9	99	0.00
27	t	Chloroform	0.516	0.512	0.8	98	0.00
28	RT	1,1,1-Trichloroethane	0.448	0.449	-0.2	99	0.00
29	T	1,1-Dichloropropene	0.363	0.381	-5.0	98	0.00
30	RT	Carbon Tetrachloride	0.399	0.407	-2.0	98	0.00
31	t	Isopropyl Ether	0.634	0.654	-3.2	97	0.00
32		Ethyl-t-butyl ether	0.640	0.652	-1.9	96	0.00
33		Tert-Amyl methyl ether	0.601	0.626	-4.2	95	0.00
34	t	Propionitrile	0.017	0.020	-17.6	111	0.00
35	RT	Benzene	1.086	1.105	-1.7	98	0.00
36	RT	1,2-Dichloroethane	0.329	0.331	-0.6	98	0.00
37	RT	Trichloroethene	0.314	0.318	-1.3	97	0.00
38	Rt	1,2-Dichloropropane	0.280	0.282	-0.7	97	0.00
39	t	Methacrylonitrile	0.078	0.084	-7.7	100	0.00
40	t	Methyl acrylate	0.132	0.143	-8.3	97	0.00
41	t	Tetrahydrofuran	0.040	0.041	-2.5	97	0.00
42	t	1-Chlorobutane	0.468	0.483	-3.2	98	0.00
43	T	Dibromomethane	0.168	0.170	-1.2	100	0.00
44	T	Bromodichloromethane	0.389	0.391	-0.5	100	0.00
45	T	4-Methyl-2-Pentanone	0.168	0.182	-8.3	100	0.00
46	t	t-1,4-Dichloro-2-butene	0.073	0.083	-13.7	105	0.00
47	t	Methyl methacrylate	0.136	0.152	-11.8	97	0.00
48	t	Ethyl methacrylate	0.256	0.286	-11.7	99	0.00
49	Rt	Toluene	0.668	0.714	-6.9	98	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.360	0.376	-4.4	99	0.00
51	T	cis-1,3-Dichloropropene	0.397	0.412	-3.8	98	0.00
52	RT	1,1,2-Trichloroethane	0.233	0.238	-2.1	100	0.00
53	t	1,3-Dichloropropane	0.380	0.392	-3.2	101	0.00
54	t	2-Hexanone	0.122	0.133	-9.0	101	0.00
55	t	Dibromochloromethane	0.295	0.301	-2.0	99	0.00
56	T	1,2-Dibromoethane	0.232	0.238	-2.6	101	0.00
57	S	4-Bromofluorobenzene	0.373	0.383	-2.7	101	0.00
58	RT	Tetrachloroethene	0.289	0.293	-1.4	98	0.00
59	Rt	Chlorobenzene	0.778	0.813	-4.5	99	0.00
60	T	1,1,1,2-Tetrachloroethane	0.302	0.309	-2.3	99	0.00
61	t	Pentachloroethane	0.256	0.263	-2.7	101	0.00
62	t	Hexachloroethane	0.254	0.261	-2.8	100	0.00
63	Rt	Ethyl Benzene	1.219	1.343	-10.2	98	0.00
64	RT	m/p-Xylenes	0.484	0.546	-12.8	100	0.00
65	RT	o-Xylene	0.458	0.517	-12.9	99	0.00
66	RT	Styrene	0.789	0.906	-14.8	99	0.00
67	t	Bromoform	0.196	0.204	-4.1	100	0.00
68	S	1,2-Dichlorobenzene-d4	0.452	0.467	-3.3	97	0.00
69	T	Isopropylbenzene	1.212	1.361	-12.3	99	0.00
70	T	1,1,2,2-Tetrachloroethane	0.311	0.320	-2.9	101	0.00
71	T	1,2,3-Trichloropropane	0.245	0.215	12.2	83	0.00
72	t	Bromobenzene	0.363	0.387	-6.6	99	0.00
73	t	n-propylbenzene	0.352	0.405	-15.1	99	0.00
74	t	2-Chlorotoluene	0.323	0.359	-11.1	100	0.00
75	t	1,3,5-Trimethylbenzene	1.032	1.194	-15.7	99	0.00
76	t	4-Chlorotoluene	0.344	0.389	-13.1	100	0.00
77	t	tert-Butylbenzene	1.055	1.189	-12.7	99	0.00
78	t	1,2,4-Trimethylbenzene	1.055	1.228	-16.4	100	0.00
79	t	sec-Butylbenzene	1.376	1.564	-13.7	99	0.00
80		Nitrobenzene	0.013	0.013	0.0	94	0.00
81	t	p-Isopropyltoluene	1.159	1.371	-18.3	100	0.00
82	t	1,3-Dichlorobenzene	0.718	0.764	-6.4	101	0.00
83	Rt	1,4-Dichlorobenzene	0.722	0.777	-7.6	102	0.00
84	t	n-Butylbenzene	1.089	1.270	-16.6	101	0.00
85	Rt	1,2-Dichlorobenzene	0.689	0.739	-7.3	102	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.052	0.055	-5.8	100	0.00
87	Rt	1,2,4-Trichlorobenzene	0.492	0.547	-11.2	99	0.00
88	t	Hexachlorobutadiene	0.296	0.317	-7.1	101	0.00
89	t	Naphthalene	0.836	0.923	-10.4	96	0.00
90	t	1,2,3-Trichlorobenzene	0.464	0.514	-10.8	98	0.00

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