Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022823\
Data File : VU053163.D
Acq On : 28 Feb 2023 09:37
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Mar 01 03:31:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 28 03:35:42 2023
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	93	0.00
2	T	Dichlorodifluoromethane	0.254	0.262	-3.1	92	0.00
3	t	Chloromethane	0.262	0.239	8.8	89	0.00
4	Rt	Vinyl Chloride	0.278	0.276	0.7	88	0.00
5	T	Bromomethane	0.159	0.178	-11.9	102	0.00
6	T	Chloroethane	0.169	0.175	-3.6	92	0.00
7	T	Trichlorofluoromethane	0.401	0.389	3.0	88	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.251	0.253	-0.8	90	0.00
9	Rt	1,1-Dichloroethene	0.218	0.217	0.5	89	0.00
10	t	Iodomethane	0.224	0.230	-2.7	83	0.00
11	t	Allyl Chloride	0.340	0.303	10.9	82	0.00
12	t	Acrylonitrile	0.056	0.060	-7.1	103	0.00
13	T	Acetone	0.080	0.100	-25.0	143	0.01
14	T	Carbon Disulfide	0.499	0.488	2.2	89	0.00
15	RT	Methylene Chloride	0.311	0.266	14.5	90	0.00
16	RT	trans-1,2-Dichloroethene	0.239	0.232	2.9	90	0.00
17	t	1,1-Dichloroethane	0.524	0.512	2.3	89	0.00
18	T	2-Butanone	0.096	0.112	-16.7	124	0.00
19		Cyclohexane	0.418	0.399	4.5	89	0.00
20		Methylcyclohexane	0.401	0.423	-5.5	95	0.00
21	T	2,2-Dichloropropane	0.459	0.451	1.7	92	0.00
22	RT	cis-1,2-Dichloroethene	0.295	0.286	3.1	91	0.00
23	t	Diethyl Ether	0.178	0.173	2.8	88	0.00
24	t	tert-Butyl Alcohol	0.021	0.022	-4.8	103	0.04
25	t	Methyl tert-Butyl Ether	0.633	0.649	-2.5	94	0.00
26	t	Bromochloromethane	0.114	0.110	3.5	95	0.00
27	t	Chloroform	0.539	0.517	4.1	90	0.00
28	RT	1,1,1-Trichloroethane	0.453	0.432	4.6	90	0.00
29	T	1,1-Dichloropropene	0.340	0.335	1.5	93	0.00
30	RT	Carbon Tetrachloride	0.312	0.319	-2.2	91	0.00
31	t	Isopropyl Ether	0.835	0.791	5.3	87	0.00
32		Ethyl-t-butyl ether	0.792	0.771	2.7	89	0.00
33		Tert-Amyl methyl ether	0.628	0.635	-1.1	91	0.00
34	t	Propionitrile	0.022	0.024	-9.1	111	0.00
35	RT	Benzene	1.002	1.000	0.2	92	0.00
36	RT	1,2-Dichloroethane	0.300	0.302	-0.7	94	0.00
37	RT	Trichloroethene	0.230	0.243	-5.7	95	0.00
38	Rt	1,2-Dichloropropane	0.290	0.298	-2.8	92	0.00
39	t	Methacrylonitrile	0.095	0.087	8.4	89	0.00
40	t	Methyl acrylate	0.147	0.153	-4.1	97	0.00
41	t	Tetrahydrofuran	0.047	0.045	4.3	97	0.00
42	t	1-Chlorobutane	0.473	0.463	2.1	89	0.00
43	T	Dibromomethane	0.128	0.134	-4.7	95	0.00
44	T	Bromodichloromethane	0.351	0.372	-6.0	93	0.00
45	T	4-Methyl-2-Pentanone	0.157	0.170	-8.3	100	0.00
46	t	t-1,4-Dichloro-2-butene	0.079	0.084	-6.3	101	0.00
47	t	Methyl methacrylate	0.132	0.143	-8.3	98	0.00
48	t	Ethyl methacrylate	0.271	0.290	-7.0	95	0.00
49	Rt	Toluene	0.617	0.645	-4.5	92	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.341	0.363	-6.5	94	0.00
51	T	cis-1,3-Dichloropropene	0.414	0.437	-5.6	93	0.00
52	RT	1,1,2-Trichloroethane	0.189	0.203	-7.4	95	0.00
53	t	1,3-Dichloropropane	0.338	0.358	-5.9	96	0.00
54	t	2-Hexanone	0.134	0.165	-23.1	128	0.00
55	t	Dibromochloromethane	0.215	0.229	-6.5	95	0.00
56	T	1,2-Dibromoethane	0.168	0.185	-10.1	98	0.00
57	S	4-Bromofluorobenzene	0.422	0.528	-25.1	117	0.00
58	RT	Tetrachloroethene	0.183	0.191	-4.4	95	0.00
59	Rt	Chlorobenzene	0.690	0.722	-4.6	93	0.00
60	T	1,1,1,2-Tetrachloroethane	0.228	0.245	-7.5	94	0.00
61	t	Pentachloroethane	0.198	0.212	-7.1	93	0.00
62	t	Hexachloroethane	0.218	0.233	-6.9	91	0.00
63	Rt	Ethyl Benzene	1.274	1.339	-5.1	92	0.00
64	RT	m/p-Xylenes	0.462	0.497	-7.6	94	0.00
65	RT	o-Xylene	0.472	0.502	-6.4	94	0.00
66	RT	Styrene	0.748	0.817	-9.2	94	0.00
67	t	Bromoform	0.105	0.114	-8.6	94	0.00
68	S	1,2-Dichlorobenzene-d4	0.335	0.359	-7.2	99	0.00
69	T	Isopropylbenzene	1.263	1.348	-6.7	93	0.00
70	T	1,1,2,2-Tetrachloroethane	0.254	0.277	-9.1	96	0.00
71	T	1,2,3-Trichloropropane	0.219	0.216	1.4	91	0.00
72	t	Bromobenzene	0.245	0.266	-8.6	94	0.00
73	t	n-propylbenzene	0.335	0.351	-4.8	90	0.00
74	t	2-Chlorotoluene	0.278	0.297	-6.8	94	0.00
75	t	1,3,5-Trimethylbenzene	1.051	1.129	-7.4	93	0.00
76	t	4-Chlorotoluene	0.292	0.301	-3.1	93	0.00
77	t	tert-Butylbenzene	1.030	1.102	-7.0	93	0.00
78	t	1,2,4-Trimethylbenzene	1.071	1.138	-6.3	92	0.00
79	t	sec-Butylbenzene	1.430	1.547	-8.2	93	0.00
80		Nitrobenzene	0.013	0.013	0.0	94	0.00
81	t	p-Isopropyltoluene	1.132	1.194	-5.5	91	0.00
82	t	1,3-Dichlorobenzene	0.538	0.584	-8.6	95	0.00
83	Rt	1,4-Dichlorobenzene	0.549	0.581	-5.8	92	0.00
84	t	n-Butylbenzene	1.173	1.281	-9.2	92	0.00
85	Rt	1,2-Dichlorobenzene	0.513	0.556	-8.4	96	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.040	0.046	-15.0	92	0.00
87	Rt	1,2,4-Trichlorobenzene	0.315	0.352	-11.7	95	0.00
88	t	Hexachlorobutadiene	0.154	0.165	-7.1	92	0.00
89	t	Naphthalene	0.670	0.717	-7.0	93	0.00
90	t	1,2,3-Trichlorobenzene	0.277	0.300	-8.3	93	0.00

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