Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022823\
Data File : VU053173.D
Acq On : 28 Feb 2023 15:33
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Mar 01 03:39:13 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	86	0.00
2	T	Dichlorodifluoromethane	0.254	0.268	-5.5	87	0.00
3	t	Chloromethane	0.262	0.246	6.1	85	0.00
4	Rt	Vinyl Chloride	0.278	0.282	-1.4	83	0.00
5	T	Bromomethane	0.159	0.168	-5.7	88	0.00
6	T	Chloroethane	0.169	0.180	-6.5	87	0.00
7	T	Trichlorofluoromethane	0.401	0.393	2.0	82	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.251	0.256	-2.0	84	0.00
9	Rt	1,1-Dichloroethene	0.218	0.217	0.5	82	0.00
10	t	Iodomethane	0.224	0.245	-9.4	81	0.00
11	t	Allyl Chloride	0.340	0.308	9.4	76	0.00
12	t	Acrylonitrile	0.056	0.060	-7.1	93	0.01
13	T	Acetone	0.080	0.096	-20.0	126	0.02
14	T	Carbon Disulfide	0.499	0.484	3.0	81	0.00
15	RT	Methylene Chloride	0.311	0.274	11.9	85	0.00
16	RT	trans-1,2-Dichloroethene	0.239	0.234	2.1	83	0.00
17	t	1,1-Dichloroethane	0.524	0.517	1.3	82	0.00
18	T	2-Butanone	0.096	0.110	-14.6	112	0.00
19		Cyclohexane	0.418	0.399	4.5	81	0.00
20		Methylcyclohexane	0.401	0.420	-4.7	87	0.00
21	T	2,2-Dichloropropane	0.459	0.451	1.7	84	0.00
22	RT	cis-1,2-Dichloroethene	0.295	0.285	3.4	83	0.00
23	t	Diethyl Ether	0.178	0.174	2.2	81	0.00
24	t	tert-Butyl Alcohol	0.021	0.024	-14.3	102	0.07
25	t	Methyl tert-Butyl Ether	0.633	0.645	-1.9	85	0.00
26	t	Bromochloromethane	0.114	0.110	3.5	87	0.00
27	t	Chloroform	0.539	0.531	1.5	85	0.00
28	RT	1,1,1-Trichloroethane	0.453	0.438	3.3	83	0.00
29	T	1,1-Dichloropropene	0.340	0.336	1.2	85	0.00
30	RT	Carbon Tetrachloride	0.312	0.312	0.0	81	0.00
31	t	Isopropyl Ether	0.835	0.811	2.9	82	0.00
32		Ethyl-t-butyl ether	0.792	0.786	0.8	83	0.00
33		Tert-Amyl methyl ether	0.628	0.641	-2.1	85	0.00
34	t	Propionitrile	0.022	0.023	-4.5	97	0.02
35	RT	Benzene	1.002	1.022	-2.0	86	0.00
36	RT	1,2-Dichloroethane	0.300	0.300	0.0	86	0.00
37	RT	Trichloroethene	0.230	0.245	-6.5	88	0.00
38	Rt	1,2-Dichloropropane	0.290	0.304	-4.8	86	0.00
39	t	Methacrylonitrile	0.095	0.086	9.5	81	0.00
40	t	Methyl acrylate	0.147	0.153	-4.1	89	0.00
41	t	Tetrahydrofuran	0.047	0.044	6.4	88	0.00
42	t	1-Chlorobutane	0.473	0.470	0.6	83	0.00
43	T	Dibromomethane	0.128	0.134	-4.7	88	0.00
44	T	Bromodichloromethane	0.351	0.379	-8.0	87	0.00
45	T	4-Methyl-2-Pentanone	0.157	0.168	-7.0	91	0.00
46	t	t-1,4-Dichloro-2-butene	0.079	0.083	-5.1	92	0.00
47	t	Methyl methacrylate	0.132	0.142	-7.6	89	0.00
48	t	Ethyl methacrylate	0.271	0.298	-10.0	89	0.00
49	Rt	Toluene	0.617	0.656	-6.3	86	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.341	0.370	-8.5	88	0.00
51	T	cis-1,3-Dichloropropene	0.414	0.440	-6.3	86	0.00
52	RT	1,1,2-Trichloroethane	0.189	0.208	-10.1	89	0.00
53	t	1,3-Dichloropropane	0.338	0.361	-6.8	89	0.00
54	t	2-Hexanone	0.134	0.162	-20.9	115	0.00
55	t	Dibromochloromethane	0.215	0.230	-7.0	87	0.00
56	T	1,2-Dibromoethane	0.168	0.187	-11.3	91	0.00
57	S	4-Bromofluorobenzene	0.422	0.447	-5.9	91	0.00
58	RT	Tetrachloroethene	0.183	0.195	-6.6	89	0.00
59	Rt	Chlorobenzene	0.690	0.759	-10.0	90	0.00
60	T	1,1,1,2-Tetrachloroethane	0.228	0.247	-8.3	87	0.00
61	t	Pentachloroethane	0.198	0.219	-10.6	88	0.00
62	t	Hexachloroethane	0.218	0.235	-7.8	84	0.00
63	Rt	Ethyl Benzene	1.274	1.402	-10.0	88	0.00
64	RT	m/p-Xylenes	0.462	0.519	-12.3	90	0.00
65	RT	o-Xylene	0.472	0.513	-8.7	88	0.00
66	RT	Styrene	0.748	0.849	-13.5	90	0.00
67	t	Bromoform	0.105	0.115	-9.5	87	0.00
68	S	1,2-Dichlorobenzene-d4	0.335	0.375	-11.9	95	0.00
69	T	Isopropylbenzene	1.263	1.393	-10.3	88	0.00
70	T	1,1,2,2-Tetrachloroethane	0.254	0.282	-11.0	90	0.00
71	T	1,2,3-Trichloropropane	0.219	0.197	10.0	76	0.00
72	t	Bromobenzene	0.245	0.272	-11.0	88	0.00
73	t	n-propylbenzene	0.335	0.366	-9.3	86	0.00
74	t	2-Chlorotoluene	0.278	0.312	-12.2	91	0.00
75	t	1,3,5-Trimethylbenzene	1.051	1.147	-9.1	87	0.00
76	t	4-Chlorotoluene	0.292	0.320	-9.6	91	0.00
77	t	tert-Butylbenzene	1.030	1.120	-8.7	87	0.00
78	t	1,2,4-Trimethylbenzene	1.071	1.176	-9.8	88	0.00
79	t	sec-Butylbenzene	1.430	1.603	-12.1	88	0.00
80		Nitrobenzene	0.013	0.010	23.1	69	0.00
81	t	p-Isopropyltoluene	1.132	1.248	-10.2	87	0.00
82	t	1,3-Dichlorobenzene	0.538	0.600	-11.5	89	0.00
83	Rt	1,4-Dichlorobenzene	0.549	0.598	-8.9	87	0.00
84	t	n-Butylbenzene	1.173	1.332	-13.6	88	0.00
85	Rt	1,2-Dichlorobenzene	0.513	0.563	-9.7	89	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.040	0.044	-10.0	80	0.00
87	Rt	1,2,4-Trichlorobenzene	0.315	0.353	-12.1	87	0.00
88	t	Hexachlorobutadiene	0.154	0.169	-9.7	87	0.00
89	t	Naphthalene	0.670	0.724	-8.1	86	0.00
90	t	1,2,3-Trichlorobenzene	0.277	0.312	-12.6	89	0.00

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