Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072823\
Data File : VU054912.D
Acq On : 28 Jul 2023 16:10
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 28 23:13:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 26 09:45:35 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	94	0.00
2	T	Dichlorodifluoromethane	0.190	0.182	4.2	92	0.00
3	t	Chloromethane	0.214	0.215	-0.5	99	0.00
4	Rt	Vinyl Chloride	0.286	0.296	-3.5	100	0.00
5	T	Bromomethane	0.227	0.238	-4.8	100	0.00
6	T	Chloroethane	0.295	0.299	-1.4	92	0.00
7	T	Trichlorofluoromethane	0.671	0.598	10.9	88	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.218	0.221	-1.4	101	0.00
9	Rt	1,1-Dichloroethene	0.173	0.170	1.7	94	0.00
10	t	Iodomethane	0.270	0.272	-0.7	93	0.00
11	t	Allyl Chloride	0.206	0.206	0.0	98	0.00
12	t	Acrylonitrile	0.043	0.047	-9.3	104	0.00
13	T	Acetone	0.045	0.078	-73.3#	169	0.00
14	T	Carbon Disulfide	0.299	0.267	10.7	91	0.00
15	RT	Methylene Chloride	0.241	0.306	-27.0	137	0.00
16	RT	trans-1,2-Dichloroethene	0.188	0.198	-5.3	102	0.00
17	t	1,1-Dichloroethane	0.420	0.432	-2.9	101	0.00
18	T	2-Butanone	0.057	0.089	-56.1#	137	0.00
19		Cyclohexane	0.237	0.261	-10.1	106	0.00
20		Methylcyclohexane	0.316	0.322	-1.9	96	0.00
21	T	2,2-Dichloropropane	0.390	0.385	1.3	100	0.00
22	RT	cis-1,2-Dichloroethene	0.250	0.270	-8.0	103	0.00
23	t	Diethyl Ether	0.255	0.275	-7.8	106	0.00
24	t	tert-Butyl Alcohol	0.024	0.024	0.0	117	-0.03
25	t	Methyl tert-Butyl Ether	0.534	0.596	-11.6	106	0.00
26	t	Bromochloromethane	0.102	0.108	-5.9	101	0.00
27	t	Chloroform	0.451	0.491	-8.9	103	0.00
28	RT	1,1,1-Trichloroethane	0.390	0.404	-3.6	100	0.00
29	T	1,1-Dichloropropene	0.288	0.291	-1.0	98	0.00
30	RT	Carbon Tetrachloride	0.325	0.337	-3.7	101	0.00
31	t	Isopropyl Ether	0.620	0.661	-6.6	102	0.00
32		Ethyl-t-butyl ether	0.639	0.673	-5.3	102	0.00
33		Tert-Amyl methyl ether	0.604	0.659	-9.1	105	0.00
34	t	Propionitrile	0.016	0.021	-31.3#	109	0.00
35	RT	Benzene	0.901	0.937	-4.0	99	0.00
36	RT	1,2-Dichloroethane	0.256	0.287	-12.1	108	0.00
37	RT	Trichloroethene	0.242	0.261	-7.9	103	0.00
38	Rt	1,2-Dichloropropane	0.255	0.276	-8.2	101	0.00
39	t	Methacrylonitrile	0.063	0.071	-12.7	102	0.00
40	t	Methyl acrylate	0.100	0.118	-18.0	100	0.00
41	t	Tetrahydrofuran	0.036	0.038	-5.6	108	0.00
42	t	1-Chlorobutane	0.377	0.373	1.1	99	0.00
43	T	Dibromomethane	0.120	0.139	-15.8	107	0.00
44	T	Bromodichloromethane	0.333	0.368	-10.5	102	0.00
45	T	4-Methyl-2-Pentanone	0.140	0.173	-23.6	115	0.00
46	t	t-1,4-Dichloro-2-butene	0.056	0.062	-10.7	89	0.00
47	t	Methyl methacrylate	0.109	0.131	-20.2	107	0.00
48	t	Ethyl methacrylate	0.221	0.265	-19.9	106	0.00
49	Rt	Toluene	0.574	0.626	-9.1	104	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.296	0.330	-11.5	103	0.00
51	T	cis-1,3-Dichloropropene	0.364	0.380	-4.4	97	0.00
52	RT	1,1,2-Trichloroethane	0.190	0.210	-10.5	108	0.00
53	t	1,3-Dichloropropane	0.307	0.353	-15.0	109	0.00
54	t	2-Hexanone	0.099	0.149	-50.5#	133	0.00
55	t	Dibromochloromethane	0.217	0.253	-16.6	107	0.00
56	T	1,2-Dibromoethane	0.161	0.187	-16.1	106	0.00
57	S	4-Bromofluorobenzene	0.303	0.352	-16.2	104	0.00
58	RT	Tetrachloroethene	0.211	0.240	-13.7	110	0.00
59	Rt	Chlorobenzene	0.696	0.747	-7.3	103	0.00
60	T	1,1,1,2-Tetrachloroethane	0.246	0.275	-11.8	106	0.00
61	t	Pentachloroethane	0.192	0.202	-5.2	94	0.00
62	t	Hexachloroethane	0.197	0.221	-12.2	99	0.00
63	Rt	Ethyl Benzene	1.168	1.273	-9.0	101	0.00
64	RT	m/p-Xylenes	0.437	0.479	-9.6	102	0.00
65	RT	o-Xylene	0.449	0.480	-6.9	100	0.00
66	RT	Styrene	0.718	0.833	-16.0	105	0.00
67	t	Bromoform	0.113	0.135	-19.5	100	0.00
68	S	1,2-Dichlorobenzene-d4	0.343	0.401	-16.9	112	0.00
69	T	Isopropylbenzene	1.205	1.302	-8.0	100	0.00
70	T	1,1,2,2-Tetrachloroethane	0.235	0.283	-20.4	109	0.00
71	T	1,2,3-Trichloropropane	0.167	0.202	-21.0	116	0.00
72	t	Bromobenzene	0.268	0.302	-12.7	102	0.00
73	t	n-propylbenzene	0.323	0.358	-10.8	101	0.00
74	t	2-Chlorotoluene	0.279	0.307	-10.0	101	0.00
75	t	1,3,5-Trimethylbenzene	0.976	1.093	-12.0	102	0.00
76	t	4-Chlorotoluene	0.290	0.332	-14.5	102	0.00
77	t	tert-Butylbenzene	1.015	1.103	-8.7	100	0.00
78	t	1,2,4-Trimethylbenzene	0.999	1.141	-14.2	103	0.00
79	t	sec-Butylbenzene	1.320	1.495	-13.3	102	0.00
80		Nitrobenzene	0.006	0.007	-16.7	100	0.00
81	t	p-Isopropyltoluene	1.041	1.217	-16.9	102	0.00
82	t	1,3-Dichlorobenzene	0.571	0.641	-12.3	105	0.00
83	Rt	1,4-Dichlorobenzene	0.570	0.648	-13.7	107	0.00
84	t	n-Butylbenzene	0.935	1.100	-17.6	98	0.00
85	Rt	1,2-Dichlorobenzene	0.548	0.602	-9.9	105	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.031	0.038	-22.6	105	0.00
87	Rt	1,2,4-Trichlorobenzene	0.349	0.381	-9.2	100	0.00
88	t	Hexachlorobutadiene	0.186	0.206	-10.8	100	0.00
89	t	Naphthalene	0.541	0.590	-9.1	99	0.00
90	t	1,2,3-Trichlorobenzene	0.310	0.340	-9.7	103	0.00

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