Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072723\
Data File : VU054890.D
Acq On : 27 Jul 2023 10:15
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 28 05:34:09 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	101	0.00
2	T	Dichlorodifluoromethane	0.190	0.171	10.0	93	0.00
3	t	Chloromethane	0.214	0.197	7.9	98	0.00
4	Rt	Vinyl Chloride	0.286	0.266	7.0	96	0.00
5	T	Bromomethane	0.227	0.209	7.9	95	0.00
6	T	Chloroethane	0.295	0.251	14.9	83	0.00
7	T	Trichlorofluoromethane	0.671	0.548	18.3	87	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.218	0.200	8.3	99	0.00
9	Rt	1,1-Dichloroethene	0.173	0.166	4.0	98	0.00
10	t	Iodomethane	0.270	0.258	4.4	95	0.00
11	t	Allyl Chloride	0.206	0.198	3.9	101	0.00
12	t	Acrylonitrile	0.043	0.044	-2.3	103	0.00
13	T	Acetone	0.045	0.049	-8.9	115	0.00
14	T	Carbon Disulfide	0.299	0.267	10.7	98	0.00
15	RT	Methylene Chloride	0.241	0.212	12.0	102	0.00
16	RT	trans-1,2-Dichloroethene	0.188	0.179	4.8	100	0.00
17	t	1,1-Dichloroethane	0.420	0.398	5.2	100	0.00
18	T	2-Butanone	0.057	0.065	-14.0	108	0.00
19		Cyclohexane	0.237	0.254	-7.2	110	0.00
20		Methylcyclohexane	0.316	0.314	0.6	100	0.00
21	T	2,2-Dichloropropane	0.390	0.372	4.6	104	0.00
22	RT	cis-1,2-Dichloroethene	0.250	0.244	2.4	100	0.00
23	t	Diethyl Ether	0.255	0.225	11.8	93	0.00
24	t	tert-Butyl Alcohol	0.024	0.021	12.5	109	-0.03
25	t	Methyl tert-Butyl Ether	0.534	0.526	1.5	100	0.00
26	t	Bromochloromethane	0.102	0.098	3.9	98	0.00
27	t	Chloroform	0.451	0.450	0.2	102	0.00
28	RT	1,1,1-Trichloroethane	0.390	0.383	1.8	102	0.00
29	T	1,1-Dichloropropene	0.288	0.274	4.9	99	0.00
30	RT	Carbon Tetrachloride	0.325	0.323	0.6	104	0.00
31	t	Isopropyl Ether	0.620	0.598	3.5	99	0.00
32		Ethyl-t-butyl ether	0.639	0.606	5.2	99	0.00
33		Tert-Amyl methyl ether	0.604	0.587	2.8	101	0.00
34	t	Propionitrile	0.016	0.017	-6.3	94	0.00
35	RT	Benzene	0.901	0.887	1.6	101	0.00
36	RT	1,2-Dichloroethane	0.256	0.251	2.0	101	0.00
37	RT	Trichloroethene	0.242	0.239	1.2	101	0.00
38	Rt	1,2-Dichloropropane	0.255	0.247	3.1	97	0.00
39	t	Methacrylonitrile	0.063	0.061	3.2	95	0.00
40	t	Methyl acrylate	0.100	0.103	-3.0	95	0.00
41	t	Tetrahydrofuran	0.036	0.034	5.6	103	0.00
42	t	1-Chlorobutane	0.377	0.357	5.3	102	0.00
43	T	Dibromomethane	0.120	0.121	-0.8	100	0.00
44	T	Bromodichloromethane	0.333	0.335	-0.6	100	0.00
45	T	4-Methyl-2-Pentanone	0.140	0.145	-3.6	104	0.00
46	t	t-1,4-Dichloro-2-butene	0.056	0.065	-16.1	99	0.00
47	t	Methyl methacrylate	0.109	0.115	-5.5	100	0.00
48	t	Ethyl methacrylate	0.221	0.234	-5.9	101	0.00
49	Rt	Toluene	0.574	0.574	0.0	102	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.296	0.298	-0.7	100	0.00
51	T	cis-1,3-Dichloropropene	0.364	0.363	0.3	99	0.00
52	RT	1,1,2-Trichloroethane	0.190	0.186	2.1	102	0.00
53	t	1,3-Dichloropropane	0.307	0.307	0.0	102	0.00
54	t	2-Hexanone	0.099	0.107	-8.1	103	0.00
55	t	Dibromochloromethane	0.217	0.224	-3.2	102	0.00
56	T	1,2-Dibromoethane	0.161	0.167	-3.7	102	0.00
57	S	4-Bromofluorobenzene	0.303	0.339	-11.9	107	0.00
58	RT	Tetrachloroethene	0.211	0.201	4.7	99	0.00
59	Rt	Chlorobenzene	0.696	0.684	1.7	101	0.00
60	T	1,1,1,2-Tetrachloroethane	0.246	0.249	-1.2	103	0.00
61	t	Pentachloroethane	0.192	0.198	-3.1	99	0.00
62	t	Hexachloroethane	0.197	0.209	-6.1	100	0.00
63	Rt	Ethyl Benzene	1.168	1.185	-1.5	101	0.00
64	RT	m/p-Xylenes	0.437	0.446	-2.1	102	0.00
65	RT	o-Xylene	0.449	0.448	0.2	100	0.00
66	RT	Styrene	0.718	0.746	-3.9	101	0.00
67	t	Bromoform	0.113	0.124	-9.7	99	0.00
68	S	1,2-Dichlorobenzene-d4	0.343	0.360	-5.0	108	0.00
69	T	Isopropylbenzene	1.205	1.223	-1.5	101	0.00
70	T	1,1,2,2-Tetrachloroethane	0.235	0.237	-0.9	98	0.00
71	T	1,2,3-Trichloropropane	0.167	0.150	10.2	93	0.00
72	t	Bromobenzene	0.268	0.278	-3.7	101	0.00
73	t	n-propylbenzene	0.323	0.341	-5.6	103	0.00
74	t	2-Chlorotoluene	0.279	0.289	-3.6	102	0.00
75	t	1,3,5-Trimethylbenzene	0.976	1.024	-4.9	102	0.00
76	t	4-Chlorotoluene	0.290	0.315	-8.6	104	0.00
77	t	tert-Butylbenzene	1.015	1.051	-3.5	102	0.00
78	t	1,2,4-Trimethylbenzene	0.999	1.049	-5.0	102	0.00
79	t	sec-Butylbenzene	1.320	1.403	-6.3	103	0.00
80		Nitrobenzene	0.006	0.007	-16.7	99	0.00
81	t	p-Isopropyltoluene	1.041	1.144	-9.9	103	0.00
82	t	1,3-Dichlorobenzene	0.571	0.579	-1.4	102	0.00
83	Rt	1,4-Dichlorobenzene	0.570	0.579	-1.6	102	0.00
84	t	n-Butylbenzene	0.935	1.063	-13.7	102	0.00
85	Rt	1,2-Dichlorobenzene	0.548	0.551	-0.5	104	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.031	0.033	-6.5	98	0.00
87	Rt	1,2,4-Trichlorobenzene	0.349	0.364	-4.3	102	0.00
88	t	Hexachlorobutadiene	0.186	0.195	-4.8	103	0.00
89	t	Naphthalene	0.541	0.587	-8.5	106	0.00
90	t	1,2,3-Trichlorobenzene	0.310	0.311	-0.3	101	0.00

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