Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091123\
Data File : VU055239.D
Acq On : 11 Sep 2023 16:52
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Sep 12 09:01:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091123DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Sep 12 08:56:31 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	89	0.00
2	T	Dichlorodifluoromethane	0.346	0.342	1.2	97	0.00
3	t	Chloromethane	0.362	0.342	5.5	96	0.00
4	Rt	Vinyl Chloride	0.379	0.354	6.6	93	0.00
5	T	Bromomethane	0.299	0.274	8.4	100	-0.01
6	T	Chloroethane	0.240	0.243	-1.3	99	0.00
7	T	Trichlorofluoromethane	0.527	0.533	-1.1	99	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.267	0.261	2.2	95	0.00
9	Rt	1,1-Dichloroethene	0.244	0.239	2.0	96	0.00
10	t	Iodomethane	0.313	0.363	-16.0	92	0.00
11	t	Allyl Chloride	0.305	0.306	-0.3	95	0.00
12	t	Acrylonitrile	0.046	0.051	-10.9	104	-0.01
13	T	Acetone	0.080	0.065	18.8	70	-0.03
14	T	Carbon Disulfide	0.791	0.768	2.9	94	0.00
15	RT	Methylene Chloride	0.292	0.289	1.0	98	0.00
16	RT	trans-1,2-Dichloroethene	0.291	0.273	6.2	88	0.00
17	t	1,1-Dichloroethane	0.554	0.527	4.9	90	0.00
18	T	2-Butanone	0.092	0.085	7.6	74	-0.03
19		Cyclohexane	0.409	0.420	-2.7	94	0.00
20		Methylcyclohexane	0.508	0.534	-5.1	93	0.00
21	T	2,2-Dichloropropane	0.446	0.419	6.1	86	0.00
22	RT	cis-1,2-Dichloroethene	0.372	0.309	16.9	90	0.00
23	t	Diethyl Ether	0.199	0.217	-9.0	102	0.00
24	t	tert-Butyl Alcohol	0.015	0.002	86.7#	11#	0.07
25	t	Methyl tert-Butyl Ether	0.562	0.592	-5.3	94	-0.01
26	t	Bromochloromethane	0.135	0.128	5.2	88	0.00
27	t	Chloroform	0.586	0.551	6.0	91	0.00
28	RT	1,1,1-Trichloroethane	0.504	0.485	3.8	91	0.00
29	T	1,1-Dichloropropene	0.418	0.424	-1.4	92	0.00
30	RT	Carbon Tetrachloride	0.438	0.421	3.9	91	0.00
31	t	Isopropyl Ether	0.728	0.714	1.9	90	-0.01
32		Ethyl-t-butyl ether	0.703	0.709	-0.9	91	0.00
33		Tert-Amyl methyl ether	0.619	0.691	-11.6	99	0.00
34	t	Propionitrile	0.017	0.019	-11.8	95	-0.03
35	RT	Benzene	1.236	1.274	-3.1	96	0.00
36	RT	1,2-Dichloroethane	0.345	0.369	-7.0	100	0.00
37	RT	Trichloroethene	0.361	0.343	5.0	95	0.00
38	Rt	1,2-Dichloropropane	0.324	0.333	-2.8	96	0.00
39	t	Methacrylonitrile	0.066	0.072	-9.1	94	-0.01
40	t	Methyl acrylate	0.107	0.129	-20.6	96	-0.01
41	t	Tetrahydrofuran	0.037	0.038	-2.7	98	-0.02
42	t	1-Chlorobutane	0.540	0.569	-5.4	94	0.00
43	T	Dibromomethane	0.153	0.161	-5.2	99	0.00
44	T	Bromodichloromethane	0.397	0.413	-4.0	95	0.00
45	T	4-Methyl-2-Pentanone	0.145	0.165	-13.8	100	0.00
46	t	t-1,4-Dichloro-2-butene	0.054	0.059	-9.3	87	0.00
47	t	Methyl methacrylate	0.118	0.138	-16.9	101	0.00
48	t	Ethyl methacrylate	0.229	0.266	-16.2	98	0.00
49	Rt	Toluene	0.750	0.805	-7.3	96	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.334	0.366	-9.6	96	0.00
51	T	cis-1,3-Dichloropropene	0.419	0.454	-8.4	96	0.00
52	RT	1,1,2-Trichloroethane	0.216	0.226	-4.6	97	0.00
53	t	1,3-Dichloropropane	0.367	0.400	-9.0	100	0.00
54	t	2-Hexanone	0.139	0.140	-0.7	79	0.00
55	t	Dibromochloromethane	0.244	0.257	-5.3	96	0.00
56	T	1,2-Dibromoethane	0.197	0.211	-7.1	98	0.00
57	S	4-Bromofluorobenzene	0.388	0.377	2.8	86	0.00
58	RT	Tetrachloroethene	0.390	0.384	1.5	94	0.00
59	Rt	Chlorobenzene	0.840	0.872	-3.8	95	0.00
60	T	1,1,1,2-Tetrachloroethane	0.278	0.292	-5.0	95	0.00
61	t	Pentachloroethane	0.130	0.126	3.1	94	0.00
62	t	Hexachloroethane	0.213	0.232	-8.9	93	0.00
63	Rt	Ethyl Benzene	1.419	1.549	-9.2	96	0.00
64	RT	m/p-Xylenes	0.550	0.611	-11.1	96	0.00
65	RT	o-Xylene	0.533	0.582	-9.2	96	0.00
66	RT	Styrene	0.833	0.966	-16.0	96	0.00
67	t	Bromoform	0.123	0.138	-12.2	100	0.00
68	S	1,2-Dichlorobenzene-d4	0.378	0.400	-5.8	89	0.00
69	T	Isopropylbenzene	1.395	1.533	-9.9	97	0.00
70	T	1,1,2,2-Tetrachloroethane	0.220	0.239	-8.6	102	0.00
71	T	1,2,3-Trichloropropane	0.197	0.168	14.7	76	0.00
72	t	Bromobenzene	0.321	0.341	-6.2	94	0.00
73	t	n-propylbenzene	0.379	0.426	-12.4	95	0.00
74	t	2-Chlorotoluene	0.338	0.364	-7.7	94	0.00
75	t	1,3,5-Trimethylbenzene	1.199	1.363	-13.7	95	0.00
76	t	4-Chlorotoluene	0.347	0.381	-9.8	95	0.00
77	t	tert-Butylbenzene	1.061	1.168	-10.1	94	0.00
78	t	1,2,4-Trimethylbenzene	1.216	1.398	-15.0	94	0.00
79	t	sec-Butylbenzene	1.544	1.744	-13.0	95	0.00
80		Nitrobenzene	0.005	0.006	-20.0	98	0.00
81	t	p-Isopropyltoluene	1.247	1.433	-14.9	93	0.00
82	t	1,3-Dichlorobenzene	0.688	0.722	-4.9	93	0.00
83	Rt	1,4-Dichlorobenzene	0.674	0.734	-8.9	95	0.00
84	t	n-Butylbenzene	1.133	1.272	-12.3	90	0.00
85	Rt	1,2-Dichlorobenzene	0.631	0.675	-7.0	94	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.036	0.041	-13.9	98	0.00
87	Rt	1,2,4-Trichlorobenzene	0.364	0.396	-8.8	90	0.00
88	t	Hexachlorobutadiene	0.233	0.227	2.6	88	0.00
89	t	Naphthalene	0.519	0.627	-20.8	93	0.00
90	t	1,2,3-Trichlorobenzene	0.315	0.351	-11.4	91	0.00

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