Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
Data File : VU060314.D
Acq On : 06 Aug 2024 09:55
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Aug 07 06:46:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 2024
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	105	0.00
2	T	Dichlorodifluoromethane	0.385	0.374	2.9	98	0.00
3	t	Chloromethane	0.440	0.398	9.5	96	0.00
4	Rt	Vinyl Chloride	0.440	0.410	6.8	95	0.00
5	T	Bromomethane	0.270	0.239	11.5	91	-0.02
6	T	Chloroethane	0.266	0.250	6.0	96	-0.01
7	T	Trichlorofluoromethane	0.530	0.514	3.0	98	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.289	0.278	3.8	98	0.00
9	Rt	1,1-Dichloroethene	0.299	0.285	4.7	99	0.00
10	t	Iodomethane	0.443	0.421	5.0	97	0.00
11	t	Allyl Chloride	0.410	0.392	4.4	98	0.00
12	t	Acrylonitrile	0.078	0.069	11.5	97	-0.01
13	T	Acetone	0.095	0.097	-2.1	141	-0.02
14	T	Carbon Disulfide	1.014	0.950	6.3	96	0.00
15	RT	Methylene Chloride	0.374	0.342	8.6	98	0.00
16	RT	trans-1,2-Dichloroethene	0.320	0.305	4.7	97	0.00
17	t	1,1-Dichloroethane	0.616	0.582	5.5	98	0.00
18	T	2-Butanone	0.110	0.108	1.8	118	-0.02
19		Cyclohexane	0.531	0.515	3.0	97	0.00
20		Methylcyclohexane	0.421	0.454	-7.8	96	0.00
21	T	2,2-Dichloropropane	0.480	0.470	2.1	103	0.00
22	RT	cis-1,2-Dichloroethene	0.343	0.334	2.6	99	0.00
23	t	Diethyl Ether	0.243	0.223	8.2	97	0.00
24	t	tert-Butyl Alcohol	0.030	0.025	16.7	97	-0.05
25	t	Methyl tert-Butyl Ether	0.734	0.676	7.9	97	0.00
26	t	Bromochloromethane	0.145	0.140	3.4	100	0.00
27	t	Chloroform	0.603	0.573	5.0	100	0.00
28	RT	1,1,1-Trichloroethane	0.501	0.483	3.6	100	0.00
29	T	1,1-Dichloropropene	0.401	0.388	3.2	99	0.00
30	RT	Carbon Tetrachloride	0.408	0.406	0.5	101	0.00
31	t	Isopropyl Ether	0.900	0.849	5.7	97	0.00
32		Ethyl-t-butyl ether	0.870	0.817	6.1	97	0.00
33		Tert-Amyl methyl ether	0.618	0.616	0.3	98	0.00
34	t	Propionitrile	0.031	0.026	16.1	96	-0.02
35	RT	Benzene	1.236	1.223	1.1	98	0.00
36	RT	1,2-Dichloroethane	0.343	0.325	5.2	99	0.00
37	RT	Trichloroethene	0.306	0.298	2.6	97	0.00
38	Rt	1,2-Dichloropropane	0.334	0.335	-0.3	99	0.00
39	t	Methacrylonitrile	0.113	0.095	15.9	96	0.00
40	t	Methyl acrylate	0.199	0.165	17.1	95	0.00
41	t	Tetrahydrofuran	0.062	0.048	22.6	94	0.00
42	t	1-Chlorobutane	0.553	0.542	2.0	99	0.00
43	T	Dibromomethane	0.169	0.157	7.1	96	0.00
44	T	Bromodichloromethane	0.406	0.403	0.7	101	0.00
45	T	4-Methyl-2-Pentanone	0.159	0.158	0.6	99	0.00
46	t	t-1,4-Dichloro-2-butene	0.089	0.096	-7.9	107	0.00
47	t	Methyl methacrylate	0.137	0.144	-5.1	98	0.00
48	t	Ethyl methacrylate	0.233	0.250	-7.3	98	0.00
49	Rt	Toluene	0.685	0.749	-9.3	98	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.335	0.349	-4.2	99	0.00
51	T	cis-1,3-Dichloropropene	0.403	0.406	-0.7	97	0.00
52	RT	1,1,2-Trichloroethane	0.248	0.237	4.4	99	0.00
53	t	1,3-Dichloropropane	0.396	0.393	0.8	99	0.00
54	t	2-Hexanone	0.123	0.146	-18.7	119	0.00
55	t	Dibromochloromethane	0.272	0.274	-0.7	101	0.00
56	T	1,2-Dibromoethane	0.223	0.214	4.0	97	0.00
57	S	4-Bromofluorobenzene	0.341	0.466	-36.7#	128	0.00
58	RT	Tetrachloroethene	0.273	0.286	-4.8	103	0.00
59	Rt	Chlorobenzene	0.742	0.793	-6.9	101	0.00
60	T	1,1,1,2-Tetrachloroethane	0.292	0.294	-0.7	101	0.00
61	t	Pentachloroethane	0.250	0.260	-4.0	103	0.00
62	t	Hexachloroethane	0.241	0.258	-7.1	104	0.00
63	Rt	Ethyl Benzene	1.163	1.363	-17.2	99	0.00
64	RT	m/p-Xylenes	0.463	0.569	-22.9	101	0.00
65	RT	o-Xylene	0.444	0.522	-17.6	100	0.00
66	RT	Styrene	0.742	0.928	-25.1	102	0.00
67	t	Bromoform	0.160	0.161	-0.6	105	0.00
68	S	1,2-Dichlorobenzene-d4	0.370	0.391	-5.7	104	0.00
69	T	Isopropylbenzene	1.134	1.364	-20.3	101	0.00
70	T	1,1,2,2-Tetrachloroethane	0.330	0.322	2.4	101	0.00
71	T	1,2,3-Trichloropropane	0.245	0.235	4.1	91	0.00
72	t	Bromobenzene	0.305	0.338	-10.8	102	0.00
73	t	n-propylbenzene	0.319	0.402	-26.0	102	0.00
74	t	2-Chlorotoluene	0.298	0.357	-19.8	101	0.00
75	t	1,3,5-Trimethylbenzene	0.994	1.265	-27.3	103	0.00
76	t	4-Chlorotoluene	0.310	0.379	-22.3	102	0.00
77	t	tert-Butylbenzene	0.969	1.157	-19.4	102	0.00
78	t	1,2,4-Trimethylbenzene	1.016	1.321	-30.0#	104	0.00
79	t	sec-Butylbenzene	1.295	1.627	-25.6	103	0.00
80		Nitrobenzene	0.015	0.013	13.3	93	0.00
81	t	p-Isopropyltoluene	1.049	1.346	-28.3	102	0.00
82	t	1,3-Dichlorobenzene	0.636	0.720	-13.2	103	0.00
83	Rt	1,4-Dichlorobenzene	0.631	0.738	-17.0	105	0.00
84	t	n-Butylbenzene	1.021	1.298	-27.1	102	0.00
85	Rt	1,2-Dichlorobenzene	0.615	0.695	-13.0	105	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.048	0.046	4.2	100	0.00
87	Rt	1,2,4-Trichlorobenzene	0.352	0.376	-6.8	96	0.00
88	t	Hexachlorobutadiene	0.227	0.250	-10.1	102	0.00
89	t	Naphthalene	0.622	0.618	0.6	92	0.00
90	t	1,2,3-Trichlorobenzene	0.343	0.370	-7.9	96	0.00

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