Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
Data File : VU060328.D
Acq On : 06 Aug 2024 17:48
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Aug 07 07:05:38 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	103	0.00
2	T	Dichlorodifluoromethane	0.385	0.361	6.2	94	0.00
3	t	Chloromethane	0.440	0.381	13.4	91	0.00
4	Rt	Vinyl Chloride	0.440	0.416	5.5	95	0.00
5	T	Bromomethane	0.270	0.265	1.9	100	0.00
6	T	Chloroethane	0.266	0.249	6.4	94	0.00
7	T	Trichlorofluoromethane	0.530	0.509	4.0	96	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.289	0.279	3.5	97	0.00
9	Rt	1,1-Dichloroethene	0.299	0.281	6.0	97	0.00
10	t	Iodomethane	0.443	0.429	3.2	97	0.00
11	t	Allyl Chloride	0.410	0.335	18.3	83	0.00
12	t	Acrylonitrile	0.078	0.068	12.8	94	0.00
13	T	Acetone	0.095	0.049	48.4#	71	0.00
14	T	Carbon Disulfide	1.014	0.930	8.3	93	0.00
15	RT	Methylene Chloride	0.374	0.343	8.3	97	0.00
16	RT	trans-1,2-Dichloroethene	0.320	0.315	1.6	99	0.00
17	t	1,1-Dichloroethane	0.616	0.567	8.0	94	0.00
18	T	2-Butanone	0.110	0.076	30.9#	82	-0.02
19		Cyclohexane	0.531	0.471	11.3	88	0.00
20		Methylcyclohexane	0.421	0.485	-15.2	101	0.00
21	T	2,2-Dichloropropane	0.480	0.403	16.0	87	0.00
22	RT	cis-1,2-Dichloroethene	0.343	0.346	-0.9	101	0.00
23	t	Diethyl Ether	0.243	0.234	3.7	101	0.00
24	t	tert-Butyl Alcohol	0.030	0.024	20.0	93	0.00
25	t	Methyl tert-Butyl Ether	0.734	0.670	8.7	95	0.00
26	t	Bromochloromethane	0.145	0.155	-6.9	109	0.00
27	t	Chloroform	0.603	0.630	-4.5	108	0.00
28	RT	1,1,1-Trichloroethane	0.501	0.493	1.6	101	0.00
29	T	1,1-Dichloropropene	0.401	0.417	-4.0	105	0.00
30	RT	Carbon Tetrachloride	0.408	0.425	-4.2	105	0.00
31	t	Isopropyl Ether	0.900	0.742	17.6	84	0.00
32		Ethyl-t-butyl ether	0.870	0.743	14.6	87	-0.01
33		Tert-Amyl methyl ether	0.618	0.703	-13.8	110	-0.01
34	t	Propionitrile	0.031	0.028	9.7	102	0.00
35	RT	Benzene	1.236	1.325	-7.2	105	0.00
36	RT	1,2-Dichloroethane	0.343	0.344	-0.3	103	0.00
37	RT	Trichloroethene	0.306	0.332	-8.5	107	0.00
38	Rt	1,2-Dichloropropane	0.334	0.356	-6.6	104	0.00
39	t	Methacrylonitrile	0.113	0.087	23.0	87	0.00
40	t	Methyl acrylate	0.199	0.169	15.1	96	0.00
41	t	Tetrahydrofuran	0.062	0.048	22.6	93	-0.01
42	t	1-Chlorobutane	0.553	0.566	-2.4	102	0.00
43	T	Dibromomethane	0.169	0.174	-3.0	105	0.00
44	T	Bromodichloromethane	0.406	0.433	-6.7	107	0.00
45	T	4-Methyl-2-Pentanone	0.159	0.181	-13.8	112	0.00
46	t	t-1,4-Dichloro-2-butene	0.089	0.097	-9.0	106	0.00
47	t	Methyl methacrylate	0.137	0.167	-21.9	112	0.00
48	t	Ethyl methacrylate	0.233	0.291	-24.9	112	0.00
49	Rt	Toluene	0.685	0.801	-16.9	104	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.335	0.377	-12.5	106	0.00
51	T	cis-1,3-Dichloropropene	0.403	0.454	-12.7	107	0.00
52	RT	1,1,2-Trichloroethane	0.248	0.262	-5.6	109	0.00
53	t	1,3-Dichloropropane	0.396	0.427	-7.8	107	0.00
54	t	2-Hexanone	0.123	0.129	-4.9	104	0.00
55	t	Dibromochloromethane	0.272	0.307	-12.9	112	0.00
56	T	1,2-Dibromoethane	0.223	0.236	-5.8	106	0.00
57	S	4-Bromofluorobenzene	0.341	0.371	-8.8	100	0.00
58	RT	Tetrachloroethene	0.273	0.302	-10.6	108	0.00
59	Rt	Chlorobenzene	0.742	0.857	-15.5	107	0.00
60	T	1,1,1,2-Tetrachloroethane	0.292	0.311	-6.5	106	0.00
61	t	Pentachloroethane	0.250	0.256	-2.4	100	0.00
62	t	Hexachloroethane	0.241	0.256	-6.2	102	0.00
63	Rt	Ethyl Benzene	1.163	1.449	-24.6	104	0.00
64	RT	m/p-Xylenes	0.463	0.588	-27.0	103	0.00
65	RT	o-Xylene	0.444	0.554	-24.8	105	0.00
66	RT	Styrene	0.742	0.958	-29.1	104	0.00
67	t	Bromoform	0.160	0.186	-16.2	119	0.00
68	S	1,2-Dichlorobenzene-d4	0.370	0.403	-8.9	106	0.00
69	T	Isopropylbenzene	1.134	1.420	-25.2	104	0.00
70	T	1,1,2,2-Tetrachloroethane	0.330	0.335	-1.5	104	0.00
71	T	1,2,3-Trichloropropane	0.245	0.266	-8.6	102	0.00
72	t	Bromobenzene	0.305	0.351	-15.1	105	0.00
73	t	n-propylbenzene	0.319	0.411	-28.8	103	0.00
74	t	2-Chlorotoluene	0.298	0.367	-23.2	103	0.00
75	t	1,3,5-Trimethylbenzene	0.994	1.279	-28.7	103	0.00
76	t	4-Chlorotoluene	0.310	0.385	-24.2	103	0.00
77	t	tert-Butylbenzene	0.969	1.177	-21.5	102	0.00
78	t	1,2,4-Trimethylbenzene	1.016	1.322	-30.1#	103	0.00
79	t	sec-Butylbenzene	1.295	1.619	-25.0	101	0.00
80		Nitrobenzene	0.015	0.014	6.7	99	0.00
81	t	p-Isopropyltoluene	1.049	1.340	-27.7	100	0.00
82	t	1,3-Dichlorobenzene	0.636	0.726	-14.2	103	0.00
83	Rt	1,4-Dichlorobenzene	0.631	0.726	-15.1	102	0.00
84	t	n-Butylbenzene	1.021	1.267	-24.1	98	0.00
85	Rt	1,2-Dichlorobenzene	0.615	0.700	-13.8	104	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.048	0.050	-4.2	106	0.00
87	Rt	1,2,4-Trichlorobenzene	0.352	0.411	-16.8	104	0.00
88	t	Hexachlorobutadiene	0.227	0.239	-5.3	96	0.00
89	t	Naphthalene	0.622	0.726	-16.7	107	0.00
90	t	1,2,3-Trichlorobenzene	0.343	0.404	-17.8	103	0.00

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