Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
Data File : VU060330.D
Acq On : 07 Aug 2024 10:13
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 08 05:48:08 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	100	0.00
2	T	Dichlorodifluoromethane	0.385	0.379	1.6	96	0.00
3	t	Chloromethane	0.440	0.418	5.0	97	0.00
4	Rt	Vinyl Chloride	0.440	0.445	-1.1	99	0.00
5	T	Bromomethane	0.270	0.291	-7.8	107	0.00
6	T	Chloroethane	0.266	0.265	0.4	98	0.00
7	T	Trichlorofluoromethane	0.530	0.537	-1.3	98	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.289	0.298	-3.1	101	0.00
9	Rt	1,1-Dichloroethene	0.299	0.310	-3.7	104	0.00
10	t	Iodomethane	0.443	0.471	-6.3	104	0.00
11	t	Allyl Chloride	0.410	0.384	6.3	92	0.00
12	t	Acrylonitrile	0.078	0.072	7.7	98	0.00
13	T	Acetone	0.095	0.101	-6.3	141	0.00
14	T	Carbon Disulfide	1.014	0.990	2.4	97	0.00
15	RT	Methylene Chloride	0.374	0.361	3.5	99	0.00
16	RT	trans-1,2-Dichloroethene	0.320	0.336	-5.0	102	0.00
17	t	1,1-Dichloroethane	0.616	0.604	1.9	98	0.00
18	T	2-Butanone	0.110	0.114	-3.6	121	0.00
19		Cyclohexane	0.531	0.511	3.8	93	0.00
20		Methylcyclohexane	0.421	0.535	-27.1	108	0.00
21	T	2,2-Dichloropropane	0.480	0.472	1.7	99	0.00
22	RT	cis-1,2-Dichloroethene	0.343	0.363	-5.8	103	0.00
23	t	Diethyl Ether	0.243	0.252	-3.7	105	0.00
24	t	tert-Butyl Alcohol	0.030	0.022	26.7	81	0.11
25	t	Methyl tert-Butyl Ether	0.734	0.692	5.7	95	0.00
26	t	Bromochloromethane	0.145	0.161	-11.0	110	0.00
27	t	Chloroform	0.603	0.623	-3.3	104	0.00
28	RT	1,1,1-Trichloroethane	0.501	0.515	-2.8	103	0.00
29	T	1,1-Dichloropropene	0.401	0.441	-10.0	108	0.00
30	RT	Carbon Tetrachloride	0.408	0.444	-8.8	106	0.00
31	t	Isopropyl Ether	0.900	0.808	10.2	89	-0.01
32		Ethyl-t-butyl ether	0.870	0.792	9.0	90	-0.01
33		Tert-Amyl methyl ether	0.618	0.743	-20.2	113	-0.01
34	t	Propionitrile	0.031	0.027	12.9	97	0.00
35	RT	Benzene	1.236	1.400	-13.3	108	0.00
36	RT	1,2-Dichloroethane	0.343	0.355	-3.5	103	0.00
37	RT	Trichloroethene	0.306	0.354	-15.7	111	0.00
38	Rt	1,2-Dichloropropane	0.334	0.369	-10.5	105	0.00
39	t	Methacrylonitrile	0.113	0.085	24.8	82	0.00
40	t	Methyl acrylate	0.199	0.171	14.1	95	0.00
41	t	Tetrahydrofuran	0.062	0.049	21.0	93	0.00
42	t	1-Chlorobutane	0.553	0.604	-9.2	106	0.00
43	T	Dibromomethane	0.169	0.174	-3.0	102	0.00
44	T	Bromodichloromethane	0.406	0.444	-9.4	107	0.00
45	T	4-Methyl-2-Pentanone	0.159	0.182	-14.5	109	0.00
46	t	t-1,4-Dichloro-2-butene	0.089	0.099	-11.2	105	0.00
47	t	Methyl methacrylate	0.137	0.166	-21.2	108	0.00
48	t	Ethyl methacrylate	0.233	0.300	-28.8	113	0.00
49	Rt	Toluene	0.685	0.850	-24.1	107	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.335	0.402	-20.0	109	0.00
51	T	cis-1,3-Dichloropropene	0.403	0.483	-19.9	111	0.00
52	RT	1,1,2-Trichloroethane	0.248	0.257	-3.6	104	0.00
53	t	1,3-Dichloropropane	0.396	0.432	-9.1	105	0.00
54	t	2-Hexanone	0.123	0.165	-34.1#	129	0.00
55	t	Dibromochloromethane	0.272	0.296	-8.8	105	0.00
56	T	1,2-Dibromoethane	0.223	0.235	-5.4	102	0.00
57	S	4-Bromofluorobenzene	0.341	0.365	-7.0	96	0.00
58	RT	Tetrachloroethene	0.273	0.319	-16.8	110	0.00
59	Rt	Chlorobenzene	0.742	0.920	-24.0	112	0.00
60	T	1,1,1,2-Tetrachloroethane	0.292	0.323	-10.6	107	0.00
61	t	Pentachloroethane	0.250	0.270	-8.0	102	0.00
62	t	Hexachloroethane	0.241	0.271	-12.4	105	0.00
63	Rt	Ethyl Benzene	1.163	1.572	-35.2#	110	0.00
64	RT	m/p-Xylenes	0.463	0.632	-36.5#	108	0.00
65	RT	o-Xylene	0.444	0.597	-34.5#	110	0.00
66	RT	Styrene	0.742	1.012	-36.4#	107	0.00
67	t	Bromoform	0.160	0.172	-7.5	107	0.00
68	S	1,2-Dichlorobenzene-d4	0.370	0.396	-7.0	101	0.00
69	T	Isopropylbenzene	1.134	1.534	-35.3#	109	0.00
70	T	1,1,2,2-Tetrachloroethane	0.330	0.330	0.0	100	0.00
71	T	1,2,3-Trichloropropane	0.245	0.255	-4.1	95	0.00
72	t	Bromobenzene	0.305	0.371	-21.6	108	0.00
73	t	n-propylbenzene	0.319	0.449	-40.8#	109	0.00
74	t	2-Chlorotoluene	0.298	0.390	-30.9#	107	0.00
75	t	1,3,5-Trimethylbenzene	0.994	1.382	-39.0#	108	0.00
76	t	4-Chlorotoluene	0.310	0.410	-32.3#	106	0.00
77	t	tert-Butylbenzene	0.969	1.285	-32.6#	109	0.00
78	t	1,2,4-Trimethylbenzene	1.016	1.428	-40.6#	108	0.00
79	t	sec-Butylbenzene	1.295	1.752	-35.3#	106	0.00
80		Nitrobenzene	0.015	0.012	20.0	85	0.00
81	t	p-Isopropyltoluene	1.049	1.483	-41.4#	108	0.00
82	t	1,3-Dichlorobenzene	0.636	0.776	-22.0	107	0.00
83	Rt	1,4-Dichlorobenzene	0.631	0.785	-24.4	107	0.00
84	t	n-Butylbenzene	1.021	1.405	-37.6#	106	0.00
85	Rt	1,2-Dichlorobenzene	0.615	0.735	-19.5	107	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.048	0.046	4.2	95	0.00
87	Rt	1,2,4-Trichlorobenzene	0.352	0.444	-26.1	109	0.00
88	t	Hexachlorobutadiene	0.227	0.271	-19.4	106	0.00
89	t	Naphthalene	0.622	0.726	-16.7	104	0.00
90	t	1,2,3-Trichlorobenzene	0.343	0.411	-19.8	103	0.00

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