Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
Data File : VU051448.D
Acq On : 19 Oct 2022 09:45
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 20 07:11:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 18 04:53:19 2022
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	98	0.00
2	T	Dichlorodifluoromethane	0.349	0.361	-3.4	98	0.00
3	t	Chloromethane	0.550	0.469	14.7	93	0.00
4	Rt	Vinyl Chloride	0.476	0.453	4.8	97	0.00
5	T	Bromomethane	0.266	0.286	-7.5	112	0.01
6	T	Chloroethane	0.272	0.284	-4.4	107	0.00
7	T	Trichlorofluoromethane	0.532	0.542	-1.9	99	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.294	0.316	-7.5	106	0.00
9	Rt	1,1-Dichloroethene	0.307	0.314	-2.3	104	0.00
10	t	Iodomethane	0.398	0.436	-9.5	108	0.00
11	t	Allyl Chloride	0.468	0.457	2.4	99	0.00
12	t	Acrylonitrile	0.090	0.096	-6.7	107	0.00
13	T	Acetone	0.065	0.070	-7.7	112	0.02
14	T	Carbon Disulfide	1.094	1.117	-2.1	104	0.00
15	RT	Methylene Chloride	0.449	0.391	12.9	103	0.00
16	RT	trans-1,2-Dichloroethene	0.352	0.355	-0.9	105	0.00
17	t	1,1-Dichloroethane	0.633	0.620	2.1	100	0.00
18	T	2-Butanone	0.079	0.095	-20.3	107	0.00
19		Cyclohexane	0.392	0.469	-19.6	99	0.00
20		Methylcyclohexane	0.389	0.498	-28.0	101	0.00
21	T	2,2-Dichloropropane	0.442	0.457	-3.4	105	0.00
22	RT	cis-1,2-Dichloroethene	0.333	0.358	-7.5	102	0.00
23	t	Diethyl Ether	0.268	0.267	0.4	100	0.00
24	t	tert-Butyl Alcohol	0.028	0.025	10.7	89	0.05
25	t	Methyl tert-Butyl Ether	0.798	0.824	-3.3	102	0.00
26	t	Bromochloromethane	0.162	0.169	-4.3	103	0.00
27	t	Chloroform	0.641	0.644	-0.5	103	0.00
28	RT	1,1,1-Trichloroethane	0.511	0.524	-2.5	103	0.00
29	T	1,1-Dichloropropene	0.392	0.447	-14.0	101	0.00
30	RT	Carbon Tetrachloride	0.432	0.449	-3.9	103	0.00
31	t	Isopropyl Ether	0.748	0.800	-7.0	101	0.00
32		Ethyl-t-butyl ether	0.683	0.755	-10.5	100	0.00
33		Tert-Amyl methyl ether	0.600	0.708	-18.0	102	0.00
34	t	Propionitrile	0.027	0.033	-22.2	110	0.01
35	RT	Benzene	1.315	1.400	-6.5	102	0.00
36	RT	1,2-Dichloroethane	0.406	0.422	-3.9	104	0.00
37	RT	Trichloroethene	0.309	0.324	-4.9	101	0.00
38	Rt	1,2-Dichloropropane	0.361	0.376	-4.2	101	0.00
39	t	Methacrylonitrile	0.091	0.105	-15.4	101	0.00
40	t	Methyl acrylate	0.145	0.188	-29.7	114	0.00
41	t	Tetrahydrofuran	0.048	0.055	-14.6	105	0.00
42	t	1-Chlorobutane	0.535	0.614	-14.8	102	0.00
43	T	Dibromomethane	0.187	0.195	-4.3	104	0.00
44	T	Bromodichloromethane	0.453	0.462	-2.0	102	0.00
45	T	4-Methyl-2-Pentanone	0.178	0.215	-20.8	99	0.00
46	t	t-1,4-Dichloro-2-butene	0.099	0.102	-3.0	99	0.00
47	t	Methyl methacrylate	0.143	0.179	-25.2	101	0.00
48	t	Ethyl methacrylate	0.240	0.300	-25.0	98	0.00
49	Rt	Toluene	0.721	0.846	-17.3	102	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.364	0.416	-14.3	104	0.00
51	T	cis-1,3-Dichloropropene	0.429	0.465	-8.4	100	0.00
52	RT	1,1,2-Trichloroethane	0.267	0.279	-4.5	102	0.00
53	t	1,3-Dichloropropane	0.431	0.472	-9.5	101	0.00
54	t	2-Hexanone	0.123	0.156	-26.8	102	0.00
55	t	Dibromochloromethane	0.291	0.313	-7.6	104	0.00
56	T	1,2-Dibromoethane	0.235	0.256	-8.9	103	0.00
57	S	4-Bromofluorobenzene	0.351	0.408	-16.2	104	0.00
58	RT	Tetrachloroethene	0.269	0.287	-6.7	101	0.00
59	Rt	Chlorobenzene	0.791	0.869	-9.9	101	0.00
60	T	1,1,1,2-Tetrachloroethane	0.303	0.315	-4.0	103	0.00
61	t	Pentachloroethane	0.270	0.282	-4.4	102	0.00
62	t	Hexachloroethane	0.257	0.267	-3.9	100	0.00
63	Rt	Ethyl Benzene	1.200	1.485	-23.8	100	0.00
64	RT	m/p-Xylenes	0.478	0.619	-29.5	99	0.00
65	RT	o-Xylene	0.465	0.565	-21.5	98	0.00
66	RT	Styrene	0.772	0.992	-28.5	100	0.00
67	t	Bromoform	0.163	0.182	-11.7	104	0.00
68	S	1,2-Dichlorobenzene-d4	0.392	0.394	-0.5	94	0.00
69	T	Isopropylbenzene	1.146	1.448	-26.4	100	0.00
70	T	1,1,2,2-Tetrachloroethane	0.361	0.378	-4.7	100	0.00
71	T	1,2,3-Trichloropropane	0.269	0.295	-9.7	109	0.00
72	t	Bromobenzene	0.315	0.358	-13.7	101	0.00
73	t	n-propylbenzene	0.322	0.424	-31.7#	100	0.00
74	t	2-Chlorotoluene	0.306	0.371	-21.2	100	0.00
75	t	1,3,5-Trimethylbenzene	1.038	1.377	-32.7#	101	0.00
76	t	4-Chlorotoluene	0.313	0.390	-24.6	102	0.00
77	t	tert-Butylbenzene	1.014	1.242	-22.5	101	0.00
78	t	1,2,4-Trimethylbenzene	1.080	1.440	-33.3#	101	0.00
79	t	sec-Butylbenzene	1.342	1.729	-28.8	101	0.00
80		Nitrobenzene	0.018	0.017	5.6	88	0.00
81	t	p-Isopropyltoluene	1.074	1.444	-34.5#	100	0.00
82	t	1,3-Dichlorobenzene	0.676	0.760	-12.4	102	0.00
83	Rt	1,4-Dichlorobenzene	0.662	0.778	-17.5	102	0.00
84	t	n-Butylbenzene	1.065	1.370	-28.6	100	0.00
85	Rt	1,2-Dichlorobenzene	0.666	0.750	-12.6	102	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.057	0.059	-3.5	98	0.00
87	Rt	1,2,4-Trichlorobenzene	0.361	0.398	-10.2	99	0.00
88	t	Hexachlorobutadiene	0.235	0.266	-13.2	103	0.00
89	t	Naphthalene	0.755	0.788	-4.4	91	0.00
90	t	1,2,3-Trichlorobenzene	0.395	0.421	-6.6	97	0.00

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