Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042123\
Data File : VU053821.D
Acq On : 21 Apr 2023 12:01
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Apr 22 03:18:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 21 09:18:21 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	119	0.00
2	T	Dichlorodifluoromethane	0.303	0.304	-0.3	116	0.00
3	t	Chloromethane	0.273	0.250	8.4	113	0.00
4	Rt	Vinyl Chloride	0.316	0.304	3.8	111	0.00
5	T	Bromomethane	0.237	0.212	10.5	119	0.02
6	T	Chloroethane	0.202	0.195	3.5	114	0.00
7	T	Trichlorofluoromethane	0.530	0.525	0.9	116	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.345	0.314	9.0	104	0.00
9	Rt	1,1-Dichloroethene	0.283	0.241	14.8	101	0.00
10	t	Iodomethane	0.308	0.300	2.6	102	0.00
11	t	Allyl Chloride	0.336	0.279	17.0	99	0.00
12	t	Acrylonitrile	0.071	0.056	21.1	93	0.01
13	T	Acetone	0.099	0.099	0.0	102	0.03
14	T	Carbon Disulfide	0.464	0.394	15.1	100	0.00
15	RT	Methylene Chloride	0.414	0.363	12.3	111	0.00
16	RT	trans-1,2-Dichloroethene	0.306	0.259	15.4	99	0.00
17	t	1,1-Dichloroethane	0.630	0.549	12.9	103	0.00
18	T	2-Butanone	0.128	0.114	10.9	95	0.00
19		Cyclohexane	0.436	0.368	15.6	101	0.01
20		Methylcyclohexane	0.391	0.450	-15.1	127	0.00
21	T	2,2-Dichloropropane	0.573	0.505	11.9	103	0.00
22	RT	cis-1,2-Dichloroethene	0.382	0.333	12.8	105	0.00
23	t	Diethyl Ether	0.208	0.198	4.8	108	0.00
24	t	tert-Butyl Alcohol	0.028	0.022	21.4	86	0.06
25	t	Methyl tert-Butyl Ether	0.788	0.679	13.8	100	0.00
26	t	Bromochloromethane	0.169	0.146	13.6	102	0.00
27	t	Chloroform	0.681	0.606	11.0	105	0.00
28	RT	1,1,1-Trichloroethane	0.564	0.523	7.3	106	0.00
29	T	1,1-Dichloropropene	0.359	0.381	-6.1	124	0.00
30	RT	Carbon Tetrachloride	0.404	0.443	-9.7	126	0.00
31	t	Isopropyl Ether	0.911	0.749	17.8	97	0.00
32		Ethyl-t-butyl ether	0.922	0.775	15.9	98	0.00
33		Tert-Amyl methyl ether	0.674	0.715	-6.1	120	0.00
34	t	Propionitrile	0.029	0.022	24.1	99	0.02
35	RT	Benzene	1.106	1.167	-5.5	121	0.00
36	RT	1,2-Dichloroethane	0.347	0.341	1.7	115	0.00
37	RT	Trichloroethene	0.314	0.341	-8.6	123	0.00
38	Rt	1,2-Dichloropropane	0.315	0.330	-4.8	120	0.00
39	t	Methacrylonitrile	0.114	0.080	29.8	94	0.00
40	t	Methyl acrylate	0.188	0.143	23.9	94	0.00
41	t	Tetrahydrofuran	0.057	0.038	33.3#	90	0.00
42	t	1-Chlorobutane	0.490	0.483	1.4	115	0.00
43	T	Dibromomethane	0.160	0.162	-1.3	118	0.00
44	T	Bromodichloromethane	0.402	0.435	-8.2	123	0.00
45	T	4-Methyl-2-Pentanone	0.162	0.168	-3.7	114	0.00
46	t	t-1,4-Dichloro-2-butene	0.067	0.077	-14.9	112	0.00
47	t	Methyl methacrylate	0.140	0.146	-4.3	116	0.00
48	t	Ethyl methacrylate	0.275	0.290	-5.5	116	0.00
49	Rt	Toluene	0.697	0.764	-9.6	122	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.362	0.402	-11.0	121	0.00
51	T	cis-1,3-Dichloropropene	0.432	0.481	-11.3	123	0.00
52	RT	1,1,2-Trichloroethane	0.253	0.254	-0.4	117	0.00
53	t	1,3-Dichloropropane	0.397	0.415	-4.5	120	0.00
54	t	2-Hexanone	0.152	0.178	-17.1	115	0.00
55	t	Dibromochloromethane	0.266	0.291	-9.4	119	0.00
56	T	1,2-Dibromoethane	0.218	0.231	-6.0	116	0.00
57	S	4-Bromofluorobenzene	0.392	0.382	2.6	112	0.00
58	RT	Tetrachloroethene	0.304	0.321	-5.6	119	0.00
59	Rt	Chlorobenzene	0.867	0.940	-8.4	121	0.00
60	T	1,1,1,2-Tetrachloroethane	0.313	0.333	-6.4	117	0.00
61	t	Pentachloroethane	0.241	0.242	-0.4	113	0.00
62	t	Hexachloroethane	0.235	0.262	-11.5	117	0.00
63	Rt	Ethyl Benzene	1.369	1.554	-13.5	120	0.00
64	RT	m/p-Xylenes	0.539	0.614	-13.9	119	0.00
65	RT	o-Xylene	0.544	0.616	-13.2	120	0.00
66	RT	Styrene	0.865	0.983	-13.6	116	0.00
67	t	Bromoform	0.138	0.152	-10.1	118	0.00
68	S	1,2-Dichlorobenzene-d4	0.466	0.442	5.2	106	0.00
69	T	Isopropylbenzene	1.421	1.626	-14.4	120	0.00
70	T	1,1,2,2-Tetrachloroethane	0.326	0.313	4.0	111	0.00
71	T	1,2,3-Trichloropropane	0.235	0.185	21.3	98	0.00
72	t	Bromobenzene	0.365	0.386	-5.8	117	0.00
73	t	n-propylbenzene	0.394	0.472	-19.8	120	0.00
74	t	2-Chlorotoluene	0.373	0.402	-7.8	117	0.00
75	t	1,3,5-Trimethylbenzene	1.240	1.405	-13.3	116	0.00
76	t	4-Chlorotoluene	0.380	0.426	-12.1	115	0.00
77	t	tert-Butylbenzene	1.247	1.378	-10.5	115	0.00
78	t	1,2,4-Trimethylbenzene	1.265	1.446	-14.3	114	0.00
79	t	sec-Butylbenzene	1.677	1.908	-13.8	115	0.00
80		Nitrobenzene	0.010	0.009	10.0	100	0.00
81	t	p-Isopropyltoluene	1.374	1.596	-16.2	115	0.00
82	t	1,3-Dichlorobenzene	0.779	0.828	-6.3	115	0.00
83	Rt	1,4-Dichlorobenzene	0.777	0.815	-4.9	111	0.00
84	t	n-Butylbenzene	1.289	1.526	-18.4	117	0.00
85	Rt	1,2-Dichlorobenzene	0.762	0.767	-0.7	107	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.046	0.047	-2.2	105	0.00
87	Rt	1,2,4-Trichlorobenzene	0.504	0.526	-4.4	112	0.00
88	t	Hexachlorobutadiene	0.269	0.278	-3.3	108	0.00
89	t	Naphthalene	0.883	0.919	-4.1	107	0.00
90	t	1,2,3-Trichlorobenzene	0.479	0.472	1.5	103	0.00

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