Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042123\
Data File : VU053832.D
Acq On : 21 Apr 2023 19:08
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Apr 22 03:21:27 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	112	0.00
2	T	Dichlorodifluoromethane	0.303	0.295	2.6	106	0.00
3	t	Chloromethane	0.273	0.243	11.0	104	0.00
4	Rt	Vinyl Chloride	0.316	0.296	6.3	102	0.00
5	T	Bromomethane	0.237	0.198	16.5	105	0.01
6	T	Chloroethane	0.202	0.190	5.9	105	0.00
7	T	Trichlorofluoromethane	0.530	0.515	2.8	107	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.345	0.311	9.9	97	0.00
9	Rt	1,1-Dichloroethene	0.283	0.239	15.5	94	0.00
10	t	Iodomethane	0.308	0.301	2.3	96	0.00
11	t	Allyl Chloride	0.336	0.265	21.1	89	0.00
12	t	Acrylonitrile	0.071	0.055	22.5	87	0.02
13	T	Acetone	0.099	0.051	48.5#	50	0.03
14	T	Carbon Disulfide	0.464	0.371	20.0	89	0.00
15	RT	Methylene Chloride	0.414	0.345	16.7	100	0.00
16	RT	trans-1,2-Dichloroethene	0.306	0.259	15.4	94	0.00
17	t	1,1-Dichloroethane	0.630	0.551	12.5	97	0.00
18	T	2-Butanone	0.128	0.072	43.8#	57	0.00
19		Cyclohexane	0.436	0.347	20.4	90	0.00
20		Methylcyclohexane	0.391	0.429	-9.7	115	0.00
21	T	2,2-Dichloropropane	0.573	0.468	18.3	90	0.00
22	RT	cis-1,2-Dichloroethene	0.382	0.336	12.0	100	0.00
23	t	Diethyl Ether	0.208	0.203	2.4	105	0.00
24	t	tert-Butyl Alcohol	0.028	0.023	17.9	88	0.08
25	t	Methyl tert-Butyl Ether	0.788	0.673	14.6	94	0.00
26	t	Bromochloromethane	0.169	0.147	13.0	97	0.00
27	t	Chloroform	0.681	0.613	10.0	100	0.00
28	RT	1,1,1-Trichloroethane	0.564	0.529	6.2	102	0.00
29	T	1,1-Dichloropropene	0.359	0.373	-3.9	115	0.00
30	RT	Carbon Tetrachloride	0.404	0.433	-7.2	116	0.00
31	t	Isopropyl Ether	0.911	0.764	16.1	94	0.00
32		Ethyl-t-butyl ether	0.922	0.777	15.7	93	-0.01
33		Tert-Amyl methyl ether	0.674	0.736	-9.2	117	0.00
34	t	Propionitrile	0.029	0.023	20.7	98	0.02
35	RT	Benzene	1.106	1.180	-6.7	116	0.00
36	RT	1,2-Dichloroethane	0.347	0.347	0.0	111	0.00
37	RT	Trichloroethene	0.314	0.338	-7.6	115	0.00
38	Rt	1,2-Dichloropropane	0.315	0.339	-7.6	117	0.00
39	t	Methacrylonitrile	0.114	0.080	29.8	89	0.00
40	t	Methyl acrylate	0.188	0.145	22.9	90	0.00
41	t	Tetrahydrofuran	0.057	0.040	29.8	90	0.00
42	t	1-Chlorobutane	0.490	0.478	2.4	107	0.00
43	T	Dibromomethane	0.160	0.163	-1.9	112	0.00
44	T	Bromodichloromethane	0.402	0.426	-6.0	114	0.00
45	T	4-Methyl-2-Pentanone	0.162	0.163	-0.6	104	0.00
46	t	t-1,4-Dichloro-2-butene	0.067	0.069	-3.0	95	0.00
47	t	Methyl methacrylate	0.140	0.151	-7.9	114	0.00
48	t	Ethyl methacrylate	0.275	0.291	-5.8	110	0.00
49	Rt	Toluene	0.697	0.759	-8.9	114	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.362	0.397	-9.7	113	0.00
51	T	cis-1,3-Dichloropropene	0.432	0.466	-7.9	113	0.00
52	RT	1,1,2-Trichloroethane	0.253	0.252	0.4	110	0.00
53	t	1,3-Dichloropropane	0.397	0.418	-5.3	114	0.00
54	t	2-Hexanone	0.152	0.117	23.0	71	0.00
55	t	Dibromochloromethane	0.266	0.287	-7.9	111	0.00
56	T	1,2-Dibromoethane	0.218	0.229	-5.0	109	0.00
57	S	4-Bromofluorobenzene	0.392	0.402	-2.6	112	0.00
58	RT	Tetrachloroethene	0.304	0.330	-8.6	116	0.00
59	Rt	Chlorobenzene	0.867	0.922	-6.3	112	0.00
60	T	1,1,1,2-Tetrachloroethane	0.313	0.334	-6.7	111	0.00
61	t	Pentachloroethane	0.241	0.228	5.4	101	0.00
62	t	Hexachloroethane	0.235	0.249	-6.0	105	0.00
63	Rt	Ethyl Benzene	1.369	1.542	-12.6	113	0.00
64	RT	m/p-Xylenes	0.539	0.601	-11.5	110	0.00
65	RT	o-Xylene	0.544	0.591	-8.6	109	0.00
66	RT	Styrene	0.865	0.973	-12.5	108	0.00
67	t	Bromoform	0.138	0.151	-9.4	110	0.00
68	S	1,2-Dichlorobenzene-d4	0.466	0.466	0.0	106	0.00
69	T	Isopropylbenzene	1.421	1.586	-11.6	111	0.00
70	T	1,1,2,2-Tetrachloroethane	0.326	0.314	3.7	106	0.00
71	T	1,2,3-Trichloropropane	0.235	0.162	31.1#	81	0.00
72	t	Bromobenzene	0.365	0.382	-4.7	109	0.00
73	t	n-propylbenzene	0.394	0.466	-18.3	112	0.00
74	t	2-Chlorotoluene	0.373	0.395	-5.9	109	0.00
75	t	1,3,5-Trimethylbenzene	1.240	1.376	-11.0	108	0.00
76	t	4-Chlorotoluene	0.380	0.419	-10.3	107	0.00
77	t	tert-Butylbenzene	1.247	1.340	-7.5	106	0.00
78	t	1,2,4-Trimethylbenzene	1.265	1.427	-12.8	106	0.00
79	t	sec-Butylbenzene	1.677	1.828	-9.0	104	0.00
80		Nitrobenzene	0.010	0.008	20.0	85	0.00
81	t	p-Isopropyltoluene	1.374	1.538	-11.9	105	0.00
82	t	1,3-Dichlorobenzene	0.779	0.806	-3.5	106	0.00
83	Rt	1,4-Dichlorobenzene	0.777	0.798	-2.7	102	0.00
84	t	n-Butylbenzene	1.289	1.438	-11.6	104	0.00
85	Rt	1,2-Dichlorobenzene	0.762	0.751	1.4	99	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.046	0.048	-4.3	101	0.00
87	Rt	1,2,4-Trichlorobenzene	0.504	0.483	4.2	97	0.00
88	t	Hexachlorobutadiene	0.269	0.259	3.7	95	0.00
89	t	Naphthalene	0.883	0.834	5.5	92	0.00
90	t	1,2,3-Trichlorobenzene	0.479	0.442	7.7	91	0.00

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