Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
Data File : VU045314.D
Acq On : 13 Oct 2021 17:56
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
LabSampleId : VSTDCCC010

Quant Time: Oct 14 06:28:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 14 05:46:27 2021
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	102	0.00
2	T	Dichlorodifluoromethane	0.382	0.371	2.9	100	0.00
3	t	Chloromethane	0.398	0.385	3.3	103	0.00
4	Rt	Vinyl Chloride	0.413	0.408	1.2	102	0.00
5	T	Bromomethane	0.227	0.204	10.1	96	0.00
6	T	Chloroethane	0.268	0.248	7.5	100	0.00
7	T	Trichlorofluoromethane	0.481	0.455	5.4	98	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.278	0.277	0.4	102	0.00
9	Rt	1,1-Dichloroethene	0.260	0.252	3.1	100	0.00
10	t	Iodomethane	0.272	0.293	-7.7	98	0.00
11	t	Allyl Chloride	0.382	0.382	0.0	101	0.00
12	t	Acrylonitrile	0.066	0.067	-1.5	100	0.00
13	T	Acetone	0.079	0.082	-3.8	109	0.00
14	T	Carbon Disulfide	0.793	0.776	2.1	100	0.00
15	RT	Methylene Chloride	0.315	0.309	1.9	106	0.00
16	RT	trans-1,2-Dichloroethene	0.279	0.277	0.7	101	0.00
17	t	1,1-Dichloroethane	0.524	0.524	0.0	102	0.00
18	T	2-Butanone	0.101	0.106	-5.0	106	0.00
19		Cyclohexane	0.485	0.488	-0.6	102	0.00
20		Methylcyclohexane	0.482	0.488	-1.2	100	0.00
21	T	2,2-Dichloropropane	0.446	0.433	2.9	99	0.00
22	RT	cis-1,2-Dichloroethene	0.307	0.305	0.7	101	0.00
23	t	Diethyl Ether	0.246	0.239	2.8	101	0.00
24	t	tert-Butyl Alcohol	0.019	0.024	-26.3	144	0.00
25	t	Methyl tert-Butyl Ether	0.726	0.715	1.5	100	0.00
26	t	Bromochloromethane	0.131	0.127	3.1	101	0.00
27	t	Chloroform	0.537	0.517	3.7	101	0.00
28	RT	1,1,1-Trichloroethane	0.440	0.430	2.3	99	0.00
29	T	1,1-Dichloropropene	0.402	0.397	1.2	100	0.00
30	RT	Carbon Tetrachloride	0.341	0.339	0.6	100	0.00
31	t	Isopropyl Ether	0.830	0.843	-1.6	102	0.00
32		Ethyl-t-butyl ether	0.836	0.845	-1.1	101	0.00
33		Tert-Amyl methyl ether	0.740	0.742	-0.3	99	0.00
34	t	Propionitrile	0.025	0.026	-4.0	106	0.00
35	RT	Benzene	1.162	1.146	1.4	101	0.00
36	RT	1,2-Dichloroethane	0.371	0.357	3.8	100	0.00
37	RT	Trichloroethene	0.283	0.276	2.5	98	0.00
38	Rt	1,2-Dichloropropane	0.301	0.299	0.7	100	0.00
39	t	Methacrylonitrile	0.099	0.103	-4.0	107	0.00
40	t	Methyl acrylate	0.165	0.172	-4.2	97	0.00
41	t	Tetrahydrofuran	0.057	0.055	3.5	103	0.00
42	t	1-Chlorobutane	0.577	0.581	-0.7	103	0.00
43	T	Dibromomethane	0.150	0.146	2.7	99	0.00
44	T	Bromodichloromethane	0.373	0.375	-0.5	100	0.00
45	T	4-Methyl-2-Pentanone	0.204	0.203	0.5	99	0.00
46	t	t-1,4-Dichloro-2-butene	0.072	0.083	-15.3	106	0.00
47	t	Methyl methacrylate	0.152	0.154	-1.3	100	0.00
48	t	Ethyl methacrylate	0.300	0.310	-3.3	99	0.00
49	Rt	Toluene	0.715	0.716	-0.1	100	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.365	0.367	-0.5	99	0.00
51	T	cis-1,3-Dichloropropene	0.427	0.427	0.0	99	0.00
52	RT	1,1,2-Trichloroethane	0.216	0.213	1.4	100	0.00
53	t	1,3-Dichloropropane	0.402	0.390	3.0	100	0.00
54	t	2-Hexanone	0.158	0.163	-3.2	104	0.00
55	t	Dibromochloromethane	0.227	0.225	0.9	97	0.00
56	T	1,2-Dibromoethane	0.203	0.199	2.0	98	0.00
57	S	4-Bromofluorobenzene	0.367	0.366	0.3	98	0.00
58	RT	Tetrachloroethene	0.255	0.254	0.4	103	0.00
59	Rt	Chlorobenzene	0.741	0.723	2.4	98	0.00
60	T	1,1,1,2-Tetrachloroethane	0.246	0.244	0.8	99	0.00
61	t	Pentachloroethane	0.179	0.178	0.6	95	0.00
62	t	Hexachloroethane	0.188	0.185	1.6	95	0.00
63	Rt	Ethyl Benzene	1.331	1.354	-1.7	99	0.00
64	RT	m/p-Xylenes	0.505	0.514	-1.8	99	0.00
65	RT	o-Xylene	0.493	0.491	0.4	98	0.00
66	RT	Styrene	0.807	0.833	-3.2	98	0.00
67	t	Bromoform	0.119	0.121	-1.7	99	0.00
68	S	1,2-Dichlorobenzene-d4	0.344	0.336	2.3	95	0.00
69	T	Isopropylbenzene	1.296	1.311	-1.2	98	0.00
70	T	1,1,2,2-Tetrachloroethane	0.277	0.268	3.2	98	0.00
71	T	1,2,3-Trichloropropane	0.228	0.235	-3.1	114	0.00
72	t	Bromobenzene	0.286	0.282	1.4	98	0.00
73	t	n-propylbenzene	0.339	0.344	-1.5	97	0.00
74	t	2-Chlorotoluene	0.293	0.290	1.0	97	0.00
75	t	1,3,5-Trimethylbenzene	1.081	1.107	-2.4	98	0.00
76	t	4-Chlorotoluene	0.299	0.300	-0.3	97	0.00
77	t	tert-Butylbenzene	1.049	1.047	0.2	97	0.00
78	t	1,2,4-Trimethylbenzene	1.104	1.117	-1.2	96	0.00
79	t	sec-Butylbenzene	1.447	1.445	0.1	97	0.00
80		Nitrobenzene	0.008	0.009	-12.5	99	0.00
81	t	p-Isopropyltoluene	1.160	1.176	-1.4	96	0.00
82	t	1,3-Dichlorobenzene	0.572	0.549	4.0	96	0.00
83	Rt	1,4-Dichlorobenzene	0.565	0.543	3.9	96	0.00
84	t	n-Butylbenzene	1.106	1.134	-2.5	95	0.00
85	Rt	1,2-Dichlorobenzene	0.543	0.519	4.4	96	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.046	0.044	4.3	93	0.00
87	Rt	1,2,4-Trichlorobenzene	0.335	0.329	1.8	93	0.00
88	t	Hexachlorobutadiene	0.157	0.155	1.3	96	0.00
89	t	Naphthalene	0.658	0.649	1.4	90	0.00
90	t	1,2,3-Trichlorobenzene	0.311	0.309	0.6	94	0.00

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