Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
Data File : VU045305.D
Acq On : 13 Oct 2021 12:54
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU101321

Quant Time: Oct 14 06:30:16 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	100	0.00
2	T	Dichlorodifluoromethane	0.382	0.231	39.5#	61	0.00
3	t	Chloromethane	0.398	0.320	19.6	84	0.00
4	Rt	Vinyl Chloride	0.413	0.338	18.2	83	0.00
5	T	Bromomethane	0.227	0.211	7.0	97	0.00
6	T	Chloroethane	0.268	0.227	15.3	90	0.00
7	T	Trichlorofluoromethane	0.481	0.434	9.8	92	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.278	0.260	6.5	94	0.00
9	Rt	1,1-Dichloroethene	0.260	0.254	2.3	98	0.00
10	t	Iodomethane	0.272	0.280	-2.9	92	0.00
11	t	Allyl Chloride	0.382	0.403	-5.5	104	0.00
12	t	Acrylonitrile	0.066	0.151	-128.8#	221#	0.00
13	T	Acetone	0.079	0.069	12.7	90	0.00
14	T	Carbon Disulfide	0.793	0.763	3.8	97	0.00
15	RT	Methylene Chloride	0.315	0.307	2.5	103	0.00
16	RT	trans-1,2-Dichloroethene	0.279	0.286	-2.5	102	0.00
17	t	1,1-Dichloroethane	0.524	0.544	-3.8	104	0.00
18	T	2-Butanone	0.101	0.079	21.8	77	0.00
19		Cyclohexane	0.485	0.491	-1.2	100	0.00
20		Methylcyclohexane	0.482	0.509	-5.6	102	0.00
21	T	2,2-Dichloropropane	0.446	0.460	-3.1	103	0.00
22	RT	cis-1,2-Dichloroethene	0.307	0.328	-6.8	106	0.00
23	t	Diethyl Ether	0.246	0.221	10.2	91	0.00
24	t	tert-Butyl Alcohol	0.019	0.009	52.6#	53	0.00
25	t	Methyl tert-Butyl Ether	0.726	0.717	1.2	99	0.00
26	t	Bromochloromethane	0.131	0.110	16.0	85	0.00
27	t	Chloroform	0.537	0.540	-0.6	104	0.00
28	RT	1,1,1-Trichloroethane	0.440	0.455	-3.4	103	0.00
29	T	1,1-Dichloropropene	0.402	0.412	-2.5	101	0.00
30	RT	Carbon Tetrachloride	0.341	0.361	-5.9	105	0.00
31	t	Isopropyl Ether	0.830	0.904	-8.9	107	0.00
32		Ethyl-t-butyl ether	0.836	0.000	100.0#	0#	-4.51#
33		Tert-Amyl methyl ether	0.740	0.000	100.0#	0#	-5.95#
34	t	Propionitrile	0.025	0.048	-92.0#	188	0.00
35	RT	Benzene	1.162	1.180	-1.5	102	0.00
36	RT	1,2-Dichloroethane	0.371	0.362	2.4	99	0.00
37	RT	Trichloroethene	0.283	0.290	-2.5	101	0.00
38	Rt	1,2-Dichloropropane	0.301	0.301	0.0	99	0.00
39	t	Methacrylonitrile	0.099	0.096	3.0	97	0.00
40	t	Methyl acrylate	0.165	0.173	-4.8	96	0.00
41	t	Tetrahydrofuran	0.057	0.127	-122.8#	233#	0.00
42	t	1-Chlorobutane	0.577	0.591	-2.4	102	0.00
43	T	Dibromomethane	0.150	0.153	-2.0	102	0.00
44	T	Bromodichloromethane	0.373	0.399	-7.0	104	0.00
45	T	4-Methyl-2-Pentanone	0.204	0.189	7.4	90	0.00
46	t	t-1,4-Dichloro-2-butene	0.072	0.066	8.3	82	0.00
47	t	Methyl methacrylate	0.152	0.074	51.3#	47	0.00
48	t	Ethyl methacrylate	0.300	0.305	-1.7	95	0.00
49	Rt	Toluene	0.715	0.746	-4.3	102	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.365	0.396	-8.5	104	0.00
51	T	cis-1,3-Dichloropropene	0.427	0.471	-10.3	106	0.00
52	RT	1,1,2-Trichloroethane	0.216	0.215	0.5	99	0.00
53	t	1,3-Dichloropropane	0.402	0.387	3.7	98	0.00
54	t	2-Hexanone	0.158	0.142	10.1	88	0.00
55	t	Dibromochloromethane	0.227	0.233	-2.6	99	0.00
56	T	1,2-Dibromoethane	0.203	0.204	-0.5	98	0.00
57	S	4-Bromofluorobenzene	0.367	0.387	-5.4	101	0.00
58	RT	Tetrachloroethene	0.255	0.265	-3.9	105	0.00
59	Rt	Chlorobenzene	0.741	0.756	-2.0	101	0.00
60	T	1,1,1,2-Tetrachloroethane	0.246	0.255	-3.7	102	0.00
61	t	Pentachloroethane	0.179	0.202	-12.8	106	0.00
62	t	Hexachloroethane	0.188	0.213	-13.3	106	0.00
63	Rt	Ethyl Benzene	1.331	1.460	-9.7	105	0.00
64	RT	m/p-Xylenes	0.505	0.564	-11.7	106	0.00
65	RT	o-Xylene	0.493	0.546	-10.8	107	0.00
66	RT	Styrene	0.807	0.913	-13.1	105	0.00
67	t	Bromoform	0.119	0.126	-5.9	101	0.00
68	S	1,2-Dichlorobenzene-d4	0.344	0.351	-2.0	97	0.00
69	T	Isopropylbenzene	1.296	1.450	-11.9	106	0.00
70	T	1,1,2,2-Tetrachloroethane	0.277	0.267	3.6	96	0.00
71	T	1,2,3-Trichloropropane	0.228	0.229	-0.4	109	0.00
72	t	Bromobenzene	0.286	0.305	-6.6	104	0.00
73	t	n-propylbenzene	0.339	0.394	-16.2	109	0.00
74	t	2-Chlorotoluene	0.293	0.323	-10.2	106	0.00
75	t	1,3,5-Trimethylbenzene	1.081	1.259	-16.5	109	0.00
76	t	4-Chlorotoluene	0.299	0.333	-11.4	106	0.00
77	t	tert-Butylbenzene	1.049	1.168	-11.3	106	0.00
78	t	1,2,4-Trimethylbenzene	1.104	1.250	-13.2	105	0.00
79	t	sec-Butylbenzene	1.447	1.628	-12.5	107	0.00
80		Nitrobenzene	0.008	0.003	62.5#	29	0.00
81	t	p-Isopropyltoluene	1.160	1.330	-14.7	106	0.00
82	t	1,3-Dichlorobenzene	0.572	0.626	-9.4	107	0.00
83	Rt	1,4-Dichlorobenzene	0.565	0.625	-10.6	108	0.00
84	t	n-Butylbenzene	1.106	1.310	-18.4	107	0.00
85	Rt	1,2-Dichlorobenzene	0.543	0.576	-6.1	104	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.046	0.045	2.2	93	0.00
87	Rt	1,2,4-Trichlorobenzene	0.335	0.389	-16.1	107	0.00
88	t	Hexachlorobutadiene	0.157	0.180	-14.6	110	0.00
89	t	Naphthalene	0.658	0.747	-13.5	101	0.00
90	t	1,2,3-Trichlorobenzene	0.311	0.346	-11.3	103	0.00

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