Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071621\
Data File : VU044353.D
Acq On : 16 Jul 2021 14:56
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU071621

Quant Time: Jul 16 15:21:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 14:36:39 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	98	0.00
2	T	Dichlorodifluoromethane	0.349	0.255	26.9	69	0.00
3	t	Chloromethane	0.380	0.341	10.3	86	0.00
4	Rt	Vinyl Chloride	0.383	0.367	4.2	90	0.00
5	T	Bromomethane	0.204	0.202	1.0	93	0.00
6	T	Chloroethane	0.233	0.222	4.7	95	0.00
7	T	Trichlorofluoromethane	0.414	0.426	-2.9	96	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.262	0.266	-1.5	95	0.00
9	Rt	1,1-Dichloroethene	0.255	0.271	-6.3	100	0.00
10	t	Iodomethane	0.334	0.363	-8.7	97	0.00
11	t	Allyl Chloride	0.421	0.461	-9.5	103	0.00
12	t	Acrylonitrile	0.059	0.159	-169.5#	229#	0.00
13	T	Acetone	0.029	0.030	-3.4	87	0.00
14	T	Carbon Disulfide	0.845	0.864	-2.2	95	0.00
15	RT	Methylene Chloride	0.362	0.328	9.4	101	0.00
16	RT	trans-1,2-Dichloroethene	0.285	0.301	-5.6	101	0.00
17	t	1,1-Dichloroethane	0.530	0.577	-8.9	103	0.00
18	T	2-Butanone	0.063	0.062	1.6	84	0.00
19		Cyclohexane	0.485	0.504	-3.9	98	0.00
20		Methylcyclohexane	0.506	0.553	-9.3	100	0.00
21	T	2,2-Dichloropropane	0.435	0.462	-6.2	100	0.00
22	RT	cis-1,2-Dichloroethene	0.311	0.339	-9.0	103	0.00
23	t	Diethyl Ether	0.214	0.226	-5.6	98	0.00
24	t	tert-Butyl Alcohol	0.013	0.005	61.5#	38	0.00
25	t	Methyl tert-Butyl Ether	0.713	0.777	-9.0	102	0.00
26	t	Bromochloromethane	0.132	0.128	3.0	94	0.00
27	t	Chloroform	0.513	0.539	-5.1	102	0.00
28	RT	1,1,1-Trichloroethane	0.428	0.453	-5.8	100	0.00
29	T	1,1-Dichloropropene	0.407	0.426	-4.7	98	0.00
30	RT	Carbon Tetrachloride	0.357	0.386	-8.1	102	0.00
31	t	Isopropyl Ether	0.883	0.966	-9.4	102	0.00
32		Ethyl-t-butyl ether	0.870	0.000	100.0#	0#	-4.52#
33		Tert-Amyl methyl ether	0.774	0.000	100.0#	0#	-5.96#
34	t	Propionitrile	0.018	0.033	-83.3#	163	0.00
35	RT	Benzene	1.182	1.274	-7.8	102	0.00
36	RT	1,2-Dichloroethane	0.339	0.358	-5.6	102	0.00
37	RT	Trichloroethene	0.297	0.318	-7.1	100	0.00
38	Rt	1,2-Dichloropropane	0.313	0.331	-5.8	100	0.00
39	t	Methacrylonitrile	0.101	0.104	-3.0	94	0.00
40	t	Methyl acrylate	0.157	0.156	0.6	90	0.00
41	t	Tetrahydrofuran	0.048	0.107	-122.9#	207#	0.00
42	t	1-Chlorobutane	0.575	0.611	-6.3	101	0.00
43	T	Dibromomethane	0.155	0.175	-12.9	105	0.00
44	T	Bromodichloromethane	0.368	0.416	-13.0	106	0.00
45	T	4-Methyl-2-Pentanone	0.211	0.228	-8.1	101	0.00
46	t	t-1,4-Dichloro-2-butene	0.089	0.087	2.2	85	0.00
47	t	Methyl methacrylate	0.172	0.094	45.3#	51	0.00
48	t	Ethyl methacrylate	0.354	0.382	-7.9	100	0.00
49	Rt	Toluene	0.744	0.814	-9.4	102	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.382	0.439	-14.9	104	0.00
51	T	cis-1,3-Dichloropropene	0.451	0.520	-15.3	106	0.00
52	RT	1,1,2-Trichloroethane	0.229	0.250	-9.2	104	0.00
53	t	1,3-Dichloropropane	0.420	0.454	-8.1	102	0.00
54	t	2-Hexanone	0.150	0.163	-8.7	101	0.00
55	t	Dibromochloromethane	0.248	0.274	-10.5	102	0.00
56	T	1,2-Dibromoethane	0.224	0.244	-8.9	103	0.00
57	S	4-Bromofluorobenzene	0.404	0.405	-0.2	98	0.00
58	RT	Tetrachloroethene	0.252	0.275	-9.1	101	0.00
59	Rt	Chlorobenzene	0.786	0.839	-6.7	99	0.00
60	T	1,1,1,2-Tetrachloroethane	0.262	0.284	-8.4	100	0.00
61	t	Pentachloroethane	0.209	0.238	-13.9	105	0.00
62	t	Hexachloroethane	0.219	0.248	-13.2	101	0.00
63	Rt	Ethyl Benzene	1.405	1.555	-10.7	102	0.00
64	RT	m/p-Xylenes	0.537	0.600	-11.7	103	0.00
65	RT	o-Xylene	0.518	0.584	-12.7	103	0.00
66	RT	Styrene	0.893	1.006	-12.7	103	0.00
67	t	Bromoform	0.139	0.160	-15.1	102	0.00
68	S	1,2-Dichlorobenzene-d4	0.393	0.411	-4.6	101	0.00
69	T	Isopropylbenzene	1.386	1.537	-10.9	102	0.00
70	T	1,1,2,2-Tetrachloroethane	0.302	0.330	-9.3	102	0.00
71	T	1,2,3-Trichloropropane	0.259	0.253	2.3	92	0.00
72	t	Bromobenzene	0.321	0.349	-8.7	102	0.00
73	t	n-propylbenzene	0.374	0.419	-12.0	102	0.00
74	t	2-Chlorotoluene	0.321	0.353	-10.0	104	0.00
75	t	1,3,5-Trimethylbenzene	1.172	1.330	-13.5	104	0.00
76	t	4-Chlorotoluene	0.333	0.364	-9.3	103	0.00
77	t	tert-Butylbenzene	1.149	1.277	-11.1	102	0.00
78	t	1,2,4-Trimethylbenzene	1.189	1.324	-11.4	101	0.00
79	t	sec-Butylbenzene	1.564	1.749	-11.8	103	0.00
80		Nitrobenzene	0.009	0.002	77.8#	19#	0.00
81	t	p-Isopropyltoluene	1.295	1.461	-12.8	103	0.00
82	t	1,3-Dichlorobenzene	0.638	0.707	-10.8	104	0.00
83	Rt	1,4-Dichlorobenzene	0.644	0.710	-10.2	104	0.00
84	t	n-Butylbenzene	1.268	1.456	-14.8	102	0.00
85	Rt	1,2-Dichlorobenzene	0.618	0.681	-10.2	104	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.052	0.058	-11.5	98	0.00
87	Rt	1,2,4-Trichlorobenzene	0.437	0.498	-14.0	102	0.00
88	t	Hexachlorobutadiene	0.211	0.238	-12.8	103	0.00
89	t	Naphthalene	0.874	1.024	-17.2	103	0.00
90	t	1,2,3-Trichlorobenzene	0.397	0.457	-15.1	104	0.00

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