Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060221\
Data File : VU044031.D
Acq On : 02 Jun 2021 20:34
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU060221

Quant Time: Jun 03 11:22:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 03 11:17:14 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	96	0.00
2	T	Dichlorodifluoromethane	0.421	0.286	32.1#	64	0.00
3	t	Chloromethane	0.454	0.370	18.5	81	0.00
4	Rt	Vinyl Chloride	0.428	0.377	11.9	84	0.00
5	T	Bromomethane	0.255	0.225	11.8	92	0.00
6	T	Chloroethane	0.261	0.233	10.7	93	0.00
7	T	Trichlorofluoromethane	0.481	0.463	3.7	91	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.277	0.261	5.8	89	0.00
9	Rt	1,1-Dichloroethene	0.262	0.264	-0.8	96	0.00
10	t	Iodomethane	0.337	0.348	-3.3	91	0.00
11	t	Allyl Chloride	0.422	0.434	-2.8	99	0.00
12	t	Acrylonitrile	0.053	0.120	-126.4#	203#	0.00
13	T	Acetone	0.034	0.029	14.7	80	0.00
14	T	Carbon Disulfide	0.903	0.845	6.4	90	0.00
15	RT	Methylene Chloride	0.394	0.316	19.8	98	0.00
16	RT	trans-1,2-Dichloroethene	0.290	0.296	-2.1	99	0.00
17	t	1,1-Dichloroethane	0.556	0.576	-3.6	99	0.00
18	T	2-Butanone	0.067	0.055	17.9	75	0.00
19		Cyclohexane	0.528	0.466	11.7	83	0.00
20		Methylcyclohexane	0.422	0.437	-3.6	85	0.00
21	T	2,2-Dichloropropane	0.441	0.424	3.9	94	0.00
22	RT	cis-1,2-Dichloroethene	0.309	0.335	-8.4	102	0.00
23	t	Diethyl Ether	0.214	0.210	1.9	93	0.00
24	t	tert-Butyl Alcohol	0.025	0.013	48.0#	48	0.00
25	t	Methyl tert-Butyl Ether	0.658	0.604	8.2	84	0.00
26	t	Bromochloromethane	0.125	0.115	8.0	86	0.00
27	t	Chloroform	0.543	0.562	-3.5	99	0.00
28	RT	1,1,1-Trichloroethane	0.458	0.470	-2.6	98	0.00
29	T	1,1-Dichloropropene	0.429	0.443	-3.3	96	0.00
30	RT	Carbon Tetrachloride	0.400	0.427	-6.7	101	0.00
31	t	Isopropyl Ether	0.883	0.845	4.3	91	0.00
32		Ethyl-t-butyl ether	0.793	0.000	100.0#	0#	-4.53#
33		Tert-Amyl methyl ether	0.614	0.000	100.0#	0#	-5.96#
34	t	Propionitrile	0.018	0.029	-61.1#	130	0.00
35	RT	Benzene	1.247	1.334	-7.0	100	0.00
36	RT	1,2-Dichloroethane	0.364	0.390	-7.1	101	0.00
37	RT	Trichloroethene	0.288	0.308	-6.9	99	0.00
38	Rt	1,2-Dichloropropane	0.329	0.360	-9.4	101	0.00
39	t	Methacrylonitrile	0.099	0.092	7.1	85	0.00
40	t	Methyl acrylate	0.160	0.144	10.0	74	0.00
41	t	Tetrahydrofuran	0.050	0.096	-92.0#	157	0.00
42	t	1-Chlorobutane	0.618	0.568	8.1	87	0.00
43	T	Dibromomethane	0.162	0.177	-9.3	102	0.00
44	T	Bromodichloromethane	0.403	0.452	-12.2	104	0.00
45	T	4-Methyl-2-Pentanone	0.179	0.210	-17.3	102	0.00
46	t	t-1,4-Dichloro-2-butene	0.080	0.051	36.3#	58	0.00
47	t	Methyl methacrylate	0.137	0.076	44.5#	46	0.00
48	t	Ethyl methacrylate	0.250	0.294	-17.6	98	0.00
49	Rt	Toluene	0.689	0.818	-18.7	100	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.349	0.402	-15.2	102	0.00
51	T	cis-1,3-Dichloropropene	0.393	0.460	-17.0	103	0.00
52	RT	1,1,2-Trichloroethane	0.233	0.259	-11.2	103	0.00
53	t	1,3-Dichloropropane	0.408	0.450	-10.3	101	0.00
54	t	2-Hexanone	0.124	0.147	-18.5	101	0.00
55	t	Dibromochloromethane	0.255	0.285	-11.8	104	0.00
56	T	1,2-Dibromoethane	0.206	0.236	-14.6	105	0.00
57	S	4-Bromofluorobenzene	0.348	0.422	-21.3	106	0.00
58	RT	Tetrachloroethene	0.268	0.306	-14.2	103	0.00
59	Rt	Chlorobenzene	0.723	0.799	-10.5	98	0.00
60	T	1,1,1,2-Tetrachloroethane	0.274	0.296	-8.0	98	0.00
61	t	Pentachloroethane	0.222	0.246	-10.8	104	0.00
62	t	Hexachloroethane	0.220	0.223	-1.4	91	0.00
63	Rt	Ethyl Benzene	1.194	1.515	-26.9	101	0.00
64	RT	m/p-Xylenes	0.473	0.615	-30.0#	101	0.00
65	RT	o-Xylene	0.440	0.561	-27.5	101	0.00
66	RT	Styrene	0.777	1.005	-29.3	100	0.00
67	t	Bromoform	0.140	0.157	-12.1	103	0.00
68	S	1,2-Dichlorobenzene-d4	0.371	0.404	-8.9	103	0.00
69	T	Isopropylbenzene	1.166	1.548	-32.8#	105	0.00
70	T	1,1,2,2-Tetrachloroethane	0.306	0.331	-8.2	101	0.00
71	T	1,2,3-Trichloropropane	0.231	0.224	3.0	86	0.00
72	t	Bromobenzene	0.294	0.348	-18.4	103	0.00
73	t	n-propylbenzene	0.327	0.427	-30.6#	101	0.00
74	t	2-Chlorotoluene	0.293	0.358	-22.2	100	0.00
75	t	1,3,5-Trimethylbenzene	1.047	1.401	-33.8#	104	0.00
76	t	4-Chlorotoluene	0.317	0.393	-24.0	102	0.00
77	t	tert-Butylbenzene	1.000	1.236	-23.6	100	0.00
78	t	1,2,4-Trimethylbenzene	1.075	1.421	-32.2#	102	0.00
79	t	sec-Butylbenzene	1.405	1.698	-20.9	97	0.00
80		Nitrobenzene	0.009	0.002	77.8#	20	0.00
81	t	p-Isopropyltoluene	1.140	1.505	-32.0#	103	0.00
82	t	1,3-Dichlorobenzene	0.643	0.739	-14.9	102	0.00
83	Rt	1,4-Dichlorobenzene	0.640	0.739	-15.5	102	0.00
84	t	n-Butylbenzene	1.131	1.469	-29.9	102	0.00
85	Rt	1,2-Dichlorobenzene	0.612	0.697	-13.9	101	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.046	0.051	-10.9	96	0.00
87	Rt	1,2,4-Trichlorobenzene	0.361	0.462	-28.0	111	0.00
88	t	Hexachlorobutadiene	0.234	0.271	-15.8	104	0.00
89	t	Naphthalene	0.622	0.821	-32.0#	108	0.00
90	t	1,2,3-Trichlorobenzene	0.348	0.429	-23.3	103	0.00

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