Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030921\
Data File : VU042538.D
Acq On : 09 Mar 2021 13:33
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU030921

Quant Time: Mar 10 06:47:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U030921DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 10 06:46:59 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	105	0.00
2	T	Dichlorodifluoromethane	0.408	0.286	29.9	70	0.00
3	t	Chloromethane	0.359	0.310	13.6	88	0.00
4	Rt	Vinyl Chloride	0.351	0.316	10.0	90	0.00
5	T	Bromomethane	0.210	0.195	7.1	95	0.00
6	T	Chloroethane	0.214	0.196	8.4	92	0.00
7	T	Trichlorofluoromethane	0.578	0.530	8.3	93	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.296	0.264	10.8	89	0.00
9	Rt	1,1-Dichloroethene	0.256	0.242	5.5	94	0.00
10	t	Iodomethane	0.409	0.384	6.1	91	0.00
11	t	Allyl Chloride	0.487	0.476	2.3	97	0.00
12	t	Acrylonitrile	0.063	0.169	-168.3#	307#	0.00
13	T	Acetone	0.041	0.057	-39.0#	154	0.00
14	T	Carbon Disulfide	0.833	0.736	11.6	88	0.00
15	RT	Methylene Chloride	0.298	0.276	7.4	98	0.00
16	RT	trans-1,2-Dichloroethene	0.274	0.271	1.1	98	0.00
17	t	1,1-Dichloroethane	0.547	0.542	0.9	100	0.00
18	T	2-Butanone	0.082	0.088	-7.3	112	0.00
19		Cyclohexane	0.502	0.438	12.7	88	0.00
20		Methylcyclohexane	0.445	0.446	-0.2	93	0.00
21	T	2,2-Dichloropropane	0.516	0.496	3.9	98	0.00
22	RT	cis-1,2-Dichloroethene	0.298	0.312	-4.7	104	0.00
23	t	Diethyl Ether	0.214	0.198	7.5	93	0.00
24	t	tert-Butyl Alcohol	0.012	0.007	41.7#	58	0.00
25	t	Methyl tert-Butyl Ether	0.719	0.722	-0.4	99	0.00
26	t	Bromochloromethane	0.146	0.143	2.1	99	0.00
27	t	Chloroform	0.563	0.556	1.2	99	0.00
28	RT	1,1,1-Trichloroethane	0.519	0.502	3.3	95	0.00
29	T	1,1-Dichloropropene	0.385	0.381	1.0	97	0.00
30	RT	Carbon Tetrachloride	0.437	0.430	1.6	96	0.00
31	t	Isopropyl Ether	0.962	0.991	-3.0	103	0.00
32		Ethyl-t-butyl ether	0.854	0.000	100.0#	0#	-4.52#
33		Tert-Amyl methyl ether	0.686	0.000	100.0#	0#	-5.96#
34	t	Propionitrile	0.018	0.041	-127.8#	218#	0.00
35	RT	Benzene	1.076	1.108	-3.0	101	0.00
36	RT	1,2-Dichloroethane	0.413	0.418	-1.2	101	0.00
37	RT	Trichloroethene	0.307	0.303	1.3	99	0.00
38	Rt	1,2-Dichloropropane	0.300	0.307	-2.3	101	0.00
39	t	Methacrylonitrile	0.123	0.125	-1.6	98	0.00
40	t	Methyl acrylate	0.171	0.176	-2.9	102	0.00
41	t	Tetrahydrofuran	0.058	0.145	-150.0#	275#	0.00
42	t	1-Chlorobutane	0.573	0.555	3.1	98	0.00
43	T	Dibromomethane	0.170	0.176	-3.5	98	0.00
44	T	Bromodichloromethane	0.396	0.431	-8.8	104	0.00
45	T	4-Methyl-2-Pentanone	0.249	0.260	-4.4	97	0.00
46	t	t-1,4-Dichloro-2-butene	0.081	0.051	37.0#	57	0.00
47	t	Methyl methacrylate	0.154	0.082	46.8#	49	0.00
48	t	Ethyl methacrylate	0.307	0.312	-1.6	94	0.00
49	Rt	Toluene	0.686	0.714	-4.1	98	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.375	0.415	-10.7	101	0.00
51	T	cis-1,3-Dichloropropene	0.409	0.463	-13.2	104	0.00
52	RT	1,1,2-Trichloroethane	0.224	0.237	-5.8	101	0.00
53	t	1,3-Dichloropropane	0.400	0.408	-2.0	99	0.00
54	t	2-Hexanone	0.180	0.195	-8.3	100	0.00
55	t	Dibromochloromethane	0.279	0.305	-9.3	101	0.00
56	T	1,2-Dibromoethane	0.231	0.242	-4.8	102	0.00
57	S	4-Bromofluorobenzene	0.441	0.456	-3.4	102	0.00
58	RT	Tetrachloroethene	0.302	0.295	2.3	97	0.00
59	Rt	Chlorobenzene	0.754	0.782	-3.7	97	0.00
60	T	1,1,1,2-Tetrachloroethane	0.286	0.311	-8.7	101	0.00
61	t	Pentachloroethane	0.235	0.256	-8.9	100	0.00
62	t	Hexachloroethane	0.233	0.264	-13.3	100	0.00
63	Rt	Ethyl Benzene	1.322	1.455	-10.1	100	0.00
64	RT	m/p-Xylenes	0.502	0.549	-9.4	97	0.00
65	RT	o-Xylene	0.487	0.522	-7.2	97	0.00
66	RT	Styrene	0.833	0.913	-9.6	97	0.00
67	t	Bromoform	0.181	0.202	-11.6	99	0.00
68	S	1,2-Dichlorobenzene-d4	0.456	0.478	-4.8	104	0.00
69	T	Isopropylbenzene	1.330	1.496	-12.5	100	0.00
70	T	1,1,2,2-Tetrachloroethane	0.306	0.328	-7.2	101	0.00
71	T	1,2,3-Trichloropropane	0.249	0.256	-2.8	99	0.00
72	t	Bromobenzene	0.360	0.387	-7.5	98	0.00
73	t	n-propylbenzene	0.365	0.404	-10.7	97	0.00
74	t	2-Chlorotoluene	0.327	0.360	-10.1	98	0.00
75	t	1,3,5-Trimethylbenzene	1.185	1.376	-16.1	102	0.00
76	t	4-Chlorotoluene	0.344	0.386	-12.2	101	0.00
77	t	tert-Butylbenzene	1.181	1.303	-10.3	99	0.00
78	t	1,2,4-Trimethylbenzene	1.203	1.391	-15.6	101	0.00
79	t	sec-Butylbenzene	1.532	1.600	-4.4	92	0.00
80		Nitrobenzene	0.008	0.002	75.0#	24	0.00
81	t	p-Isopropyltoluene	1.310	1.514	-15.6	101	0.00
82	t	1,3-Dichlorobenzene	0.703	0.761	-8.3	100	0.00
83	Rt	1,4-Dichlorobenzene	0.708	0.761	-7.5	98	0.00
84	t	n-Butylbenzene	1.210	1.451	-19.9	101	0.00
85	Rt	1,2-Dichlorobenzene	0.693	0.732	-5.6	97	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.058	0.065	-12.1	98	0.00
87	Rt	1,2,4-Trichlorobenzene	0.475	0.577	-21.5	104	0.00
88	t	Hexachlorobutadiene	0.309	0.350	-13.3	104	0.00
89	t	Naphthalene	0.793	1.024	-29.1	104	0.00
90	t	1,2,3-Trichlorobenzene	0.455	0.544	-19.6	103	0.00

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