Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070721\
Data File : VU044317.D
Acq On : 07 Jul 2021 15:16
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU070721

Quant Time: Jul 08 15:35:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 08 15:34:52 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	0.346	0.185	46.5#	51	0.00
3	t	Chloromethane	0.334	0.270	19.2	80	0.00
4	Rt	Vinyl Chloride	0.351	0.296	15.7	79	0.00
5	T	Bromomethane	0.209	0.194	7.2	91	0.00
6	T	Chloroethane	0.234	0.211	9.8	87	0.00
7	T	Trichlorofluoromethane	0.531	0.470	11.5	84	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.306	0.267	12.7	82	0.00
9	Rt	1,1-Dichloroethene	0.267	0.253	5.2	89	0.00
10	t	Iodomethane	0.282	0.272	3.5	85	0.00
11	t	Allyl Chloride	0.475	0.467	1.7	95	0.00
12	t	Acrylonitrile	0.060	0.144	-140.0#	248#	0.00
13	T	Acetone	0.040	0.048	-20.0	126	0.00
14	T	Carbon Disulfide	0.723	0.706	2.4	93	0.00
15	RT	Methylene Chloride	0.486	0.314	35.4#	89	0.00
16	RT	trans-1,2-Dichloroethene	0.296	0.291	1.7	95	0.00
17	t	1,1-Dichloroethane	0.597	0.593	0.7	94	0.00
18	T	2-Butanone	0.078	0.100	-28.2	133	0.00
19		Cyclohexane	0.478	0.404	15.5	81	0.00
20		Methylcyclohexane	0.491	0.422	14.1	81	0.00
21	T	2,2-Dichloropropane	0.582	0.555	4.6	93	0.00
22	RT	cis-1,2-Dichloroethene	0.349	0.353	-1.1	99	0.00
23	t	Diethyl Ether	0.223	0.212	4.9	91	0.00
24	t	tert-Butyl Alcohol	0.017	0.011	35.3#	69	0.00
25	t	Methyl tert-Butyl Ether	0.821	0.759	7.6	87	0.00
26	t	Bromochloromethane	0.153	0.144	5.9	91	0.00
27	t	Chloroform	0.632	0.605	4.3	94	0.00
28	RT	1,1,1-Trichloroethane	0.558	0.539	3.4	93	0.00
29	T	1,1-Dichloropropene	0.407	0.398	2.2	92	0.00
30	RT	Carbon Tetrachloride	0.430	0.425	1.2	92	0.00
31	t	Isopropyl Ether	1.023	0.938	8.3	88	0.00
32		Ethyl-t-butyl ether	0.987	0.000	100.0#	0#	-4.52#
33		Tert-Amyl methyl ether	0.796	0.000	100.0#	0#	-5.96#
34	t	Propionitrile	0.020	0.042	-110.0#	212#	0.00
35	RT	Benzene	1.126	1.118	0.7	94	0.00
36	RT	1,2-Dichloroethane	0.368	0.370	-0.5	93	0.00
37	RT	Trichloroethene	0.314	0.314	0.0	94	0.00
38	Rt	1,2-Dichloropropane	0.313	0.306	2.2	93	0.00
39	t	Methacrylonitrile	0.123	0.130	-5.7	105	0.00
40	t	Methyl acrylate	0.171	0.187	-9.4	108	0.00
41	t	Tetrahydrofuran	0.051	0.128	-151.0#	256#	0.00
42	t	1-Chlorobutane	0.563	0.493	12.4	85	0.00
43	T	Dibromomethane	0.165	0.168	-1.8	96	0.00
44	T	Bromodichloromethane	0.419	0.427	-1.9	96	0.00
45	T	4-Methyl-2-Pentanone	0.236	0.224	5.1	90	0.00
46	t	t-1,4-Dichloro-2-butene	0.093	0.056	39.8#	53	0.00
47	t	Methyl methacrylate	0.169	0.085	49.7#	47	0.00
48	t	Ethyl methacrylate	0.362	0.337	6.9	87	0.00
49	Rt	Toluene	0.740	0.749	-1.2	95	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.427	0.442	-3.5	95	0.00
51	T	cis-1,3-Dichloropropene	0.485	0.504	-3.9	97	0.00
52	RT	1,1,2-Trichloroethane	0.229	0.233	-1.7	95	0.00
53	t	1,3-Dichloropropane	0.421	0.417	1.0	93	0.00
54	t	2-Hexanone	0.172	0.162	5.8	90	0.00
55	t	Dibromochloromethane	0.295	0.303	-2.7	94	0.00
56	T	1,2-Dibromoethane	0.229	0.231	-0.9	94	0.00
57	S	4-Bromofluorobenzene	0.443	0.454	-2.5	98	0.00
58	RT	Tetrachloroethene	0.290	0.291	-0.3	95	0.00
59	Rt	Chlorobenzene	0.837	0.826	1.3	93	0.00
60	T	1,1,1,2-Tetrachloroethane	0.313	0.314	-0.3	95	0.00
61	t	Pentachloroethane	0.237	0.247	-4.2	94	0.00
62	t	Hexachloroethane	0.269	0.253	5.9	85	0.00
63	Rt	Ethyl Benzene	1.481	1.502	-1.4	94	0.00
64	RT	m/p-Xylenes	0.575	0.588	-2.3	95	0.00
65	RT	o-Xylene	0.562	0.571	-1.6	95	0.00
66	RT	Styrene	0.965	0.976	-1.1	93	0.00
67	t	Bromoform	0.170	0.180	-5.9	95	0.00
68	S	1,2-Dichlorobenzene-d4	0.442	0.437	1.1	94	0.00
69	T	Isopropylbenzene	1.538	1.560	-1.4	95	0.00
70	T	1,1,2,2-Tetrachloroethane	0.308	0.304	1.3	92	0.00
71	T	1,2,3-Trichloropropane	0.243	0.232	4.5	90	0.00
72	t	Bromobenzene	0.359	0.365	-1.7	94	0.00
73	t	n-propylbenzene	0.422	0.430	-1.9	94	0.00
74	t	2-Chlorotoluene	0.363	0.359	1.1	93	0.00
75	t	1,3,5-Trimethylbenzene	1.316	1.381	-4.9	96	0.00
76	t	4-Chlorotoluene	0.382	0.385	-0.8	96	0.00
77	t	tert-Butylbenzene	1.323	1.337	-1.1	93	0.00
78	t	1,2,4-Trimethylbenzene	1.332	1.383	-3.8	95	0.00
79	t	sec-Butylbenzene	1.753	1.740	0.7	91	0.00
80		Nitrobenzene	0.013	0.003	76.9#	18#	0.00
81	t	p-Isopropyltoluene	1.484	1.547	-4.2	95	0.00
82	t	1,3-Dichlorobenzene	0.731	0.745	-1.9	96	0.00
83	Rt	1,4-Dichlorobenzene	0.726	0.752	-3.6	96	0.00
84	t	n-Butylbenzene	1.421	1.508	-6.1	95	0.00
85	Rt	1,2-Dichlorobenzene	0.693	0.704	-1.6	95	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.059	0.060	-1.7	92	0.00
87	Rt	1,2,4-Trichlorobenzene	0.497	0.525	-5.6	97	0.00
88	t	Hexachlorobutadiene	0.255	0.272	-6.7	98	0.00
89	t	Naphthalene	0.952	0.976	-2.5	94	0.00
90	t	1,2,3-Trichlorobenzene	0.439	0.467	-6.4	96	0.00

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