Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047831.D
Acq On : 06 Apr 2022 15:37
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040622

Quant Time: Apr 07 06:22:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 07 06:19:08 2022
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	0.356	0.236	33.7#	67	0.00
3	t	Chloromethane	0.399	0.349	12.5	91	0.00
4	Rt	Vinyl Chloride	0.353	0.302	14.4	87	0.00
5	T	Bromomethane	0.223	0.185	17.0	82	0.00
6	T	Chloroethane	0.219	0.201	8.2	91	0.00
7	T	Trichlorofluoromethane	0.471	0.439	6.8	94	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.272	0.261	4.0	96	0.00
9	Rt	1,1-Dichloroethene	0.270	0.247	8.5	93	0.00
10	t	Iodomethane	0.186	0.184	1.1	86	0.00
11	t	Allyl Chloride	0.371	0.387	-4.3	107	0.00
12	t	Acrylonitrile	0.068	0.174	-155.9#	264#	0.00
13	T	Acetone	0.054	0.075	-38.9#	151	0.00
14	T	Carbon Disulfide	0.855	0.681	20.4	82	0.00
15	RT	Methylene Chloride	0.430	0.343	20.2	111	0.00
16	RT	trans-1,2-Dichloroethene	0.296	0.287	3.0	100	0.00
17	t	1,1-Dichloroethane	0.486	0.501	-3.1	105	0.00
18	T	2-Butanone	0.072	0.085	-18.1	116	0.00
19		Cyclohexane	0.368	0.390	-6.0	101	0.00
20		Methylcyclohexane	0.410	0.443	-8.0	100	0.00
21	T	2,2-Dichloropropane	0.399	0.419	-5.0	104	0.00
22	RT	cis-1,2-Dichloroethene	0.305	0.328	-7.5	106	0.00
23	t	Diethyl Ether	0.202	0.194	4.0	98	0.00
24	t	tert-Butyl Alcohol	0.022	0.013	40.9#	56	0.00
25	t	Methyl tert-Butyl Ether	0.673	0.708	-5.2	106	0.00
26	t	Bromochloromethane	0.152	0.122	19.7	82	0.00
27	t	Chloroform	0.517	0.545	-5.4	107	0.00
28	RT	1,1,1-Trichloroethane	0.437	0.448	-2.5	102	0.00
29	T	1,1-Dichloropropene	0.369	0.381	-3.3	99	0.00
30	RT	Carbon Tetrachloride	0.380	0.398	-4.7	104	0.00
31	t	Isopropyl Ether	0.673	0.799	-18.7	116	0.00
32		Ethyl-t-butyl ether	0.652	0.000	100.0#	0#	-4.51#
33		Tert-Amyl methyl ether	0.590	0.000	100.0#	0#	-5.95#
34	t	Propionitrile	0.023	0.051	-121.7#	220#	0.00
35	RT	Benzene	1.104	1.140	-3.3	102	0.00
36	RT	1,2-Dichloroethane	0.325	0.341	-4.9	105	0.00
37	RT	Trichloroethene	0.320	0.326	-1.9	102	0.00
38	Rt	1,2-Dichloropropane	0.281	0.297	-5.7	104	0.00
39	t	Methacrylonitrile	0.083	0.093	-12.0	106	0.00
40	t	Methyl acrylate	0.135	0.155	-14.8	106	0.00
41	t	Tetrahydrofuran	0.047	0.121	-157.4#	269#	0.00
42	t	1-Chlorobutane	0.477	0.504	-5.7	101	0.00
43	T	Dibromomethane	0.161	0.171	-6.2	107	0.00
44	T	Bromodichloromethane	0.373	0.410	-9.9	108	0.00
45	T	4-Methyl-2-Pentanone	0.165	0.185	-12.1	105	0.00
46	t	t-1,4-Dichloro-2-butene	0.078	0.071	9.0	89	0.00
47	t	Methyl methacrylate	0.129	0.070	45.7#	50	0.00
48	t	Ethyl methacrylate	0.238	0.279	-17.2	105	0.00
49	Rt	Toluene	0.672	0.742	-10.4	103	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.329	0.380	-15.5	109	0.00
51	T	cis-1,3-Dichloropropene	0.379	0.444	-17.2	111	0.00
52	RT	1,1,2-Trichloroethane	0.228	0.243	-6.6	106	0.00
53	t	1,3-Dichloropropane	0.373	0.400	-7.2	107	0.00
54	t	2-Hexanone	0.119	0.142	-19.3	111	0.00
55	t	Dibromochloromethane	0.272	0.298	-9.6	108	0.00
56	T	1,2-Dibromoethane	0.218	0.238	-9.2	107	0.00
57	S	4-Bromofluorobenzene	0.362	0.435	-20.2	115	0.00
58	RT	Tetrachloroethene	0.287	0.306	-6.6	105	0.00
59	Rt	Chlorobenzene	0.791	0.842	-6.4	104	0.00
60	T	1,1,1,2-Tetrachloroethane	0.281	0.309	-10.0	106	0.00
61	t	Pentachloroethane	0.234	0.263	-12.4	111	0.00
62	t	Hexachloroethane	0.213	0.248	-16.4	111	0.00
63	Rt	Ethyl Benzene	1.219	1.436	-17.8	106	0.00
64	RT	m/p-Xylenes	0.485	0.584	-20.4	107	0.00
65	RT	o-Xylene	0.464	0.553	-19.2	108	0.00
66	RT	Styrene	0.785	0.958	-22.0	106	0.00
67	t	Bromoform	0.173	0.194	-12.1	109	0.00
68	S	1,2-Dichlorobenzene-d4	0.436	0.454	-4.1	103	0.00
69	T	Isopropylbenzene	1.214	1.489	-22.7	109	0.00
70	T	1,1,2,2-Tetrachloroethane	0.294	0.321	-9.2	108	0.00
71	T	1,2,3-Trichloropropane	0.224	0.240	-7.1	115	0.00
72	t	Bromobenzene	0.364	0.404	-11.0	108	0.00
73	t	n-propylbenzene	0.347	0.427	-23.1	108	0.00
74	t	2-Chlorotoluene	0.328	0.386	-17.7	110	0.00
75	t	1,3,5-Trimethylbenzene	1.030	1.292	-25.4	110	0.00
76	t	4-Chlorotoluene	0.346	0.412	-19.1	109	0.00
77	t	tert-Butylbenzene	1.045	1.269	-21.4	109	0.00
78	t	1,2,4-Trimethylbenzene	1.056	1.289	-22.1	107	0.00
79	t	sec-Butylbenzene	1.367	1.671	-22.2	109	0.00
80		Nitrobenzene	0.011	0.003	72.7#	23	0.00
81	t	p-Isopropyltoluene	1.144	1.435	-25.4	108	0.00
82	t	1,3-Dichlorobenzene	0.731	0.825	-12.9	110	0.00
83	Rt	1,4-Dichlorobenzene	0.732	0.828	-13.1	110	0.00
84	t	n-Butylbenzene	1.091	1.341	-22.9	109	0.00
85	Rt	1,2-Dichlorobenzene	0.694	0.782	-12.7	110	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.047	0.050	-6.4	104	0.00
87	Rt	1,2,4-Trichlorobenzene	0.505	0.614	-21.6	113	0.00
88	t	Hexachlorobutadiene	0.299	0.344	-15.1	109	0.00
89	t	Naphthalene	0.793	1.033	-30.3#	115	0.00
90	t	1,2,3-Trichlorobenzene	0.468	0.553	-18.2	111	0.00

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