Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
Data File : VU053152.D
Acq On : 27 Feb 2023 14:13
Operator : JC/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

Quant Time: Feb 28 03:40:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 28 03:35:42 2023
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	0.254	0.220	13.4	84	0.00
3	t	Chloromethane	0.262	0.258	1.5	104	0.00
4	Rt	Vinyl Chloride	0.278	0.300	-7.9	103	0.00
5	T	Bromomethane	0.159	0.187	-17.6	115	0.00
6	T	Chloroethane	0.169	0.190	-12.4	108	0.00
7	T	Trichlorofluoromethane	0.401	0.409	-2.0	100	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.251	0.254	-1.2	98	0.00
9	Rt	1,1-Dichloroethene	0.218	0.245	-12.4	109	0.00
10	t	Iodomethane	0.224	0.273	-21.9	106	0.00
11	t	Allyl Chloride	0.340	0.354	-4.1	103	0.00
12	t	Acrylonitrile	0.056	0.135	-141.1#	247#	0.00
13	T	Acetone	0.080	0.068	15.0	105	0.02
14	T	Carbon Disulfide	0.499	0.710	-42.3#	139	0.00
15	RT	Methylene Chloride	0.311	0.304	2.3	110	0.00
16	RT	trans-1,2-Dichloroethene	0.239	0.274	-14.6	114	0.00
17	t	1,1-Dichloroethane	0.524	0.529	-1.0	99	0.00
18	T	2-Butanone	0.096	0.078	18.8	93	0.00
19		Cyclohexane	0.418	0.450	-7.7	108	0.00
20		Methylcyclohexane	0.401	0.491	-22.4	119	0.00
21	T	2,2-Dichloropropane	0.459	0.462	-0.7	102	0.00
22	RT	cis-1,2-Dichloroethene	0.295	0.317	-7.5	108	0.00
23	t	Diethyl Ether	0.178	0.178	0.0	97	0.00
24	t	tert-Butyl Alcohol	0.021	0.009	57.1#	44	0.06
25	t	Methyl tert-Butyl Ether	0.633	0.654	-3.3	102	0.00
26	t	Bromochloromethane	0.114	0.109	4.4	101	0.00
27	t	Chloroform	0.539	0.524	2.8	99	0.00
28	RT	1,1,1-Trichloroethane	0.453	0.446	1.5	100	0.00
29	T	1,1-Dichloropropene	0.340	0.376	-10.6	112	0.00
30	RT	Carbon Tetrachloride	0.312	0.339	-8.7	104	0.00
31	t	Isopropyl Ether	0.835	0.793	5.0	94	0.00
32		Ethyl-t-butyl ether	0.792	0.000	100.0#	0#	-4.50#
33		Tert-Amyl methyl ether	0.628	0.000	100.0#	0#	-5.94#
34	t	Propionitrile	0.022	0.042	-90.9#	211#	0.02
35	RT	Benzene	1.002	1.083	-8.1	107	0.00
36	RT	1,2-Dichloroethane	0.300	0.298	0.7	100	0.00
37	RT	Trichloroethene	0.230	0.261	-13.5	110	0.00
38	Rt	1,2-Dichloropropane	0.290	0.293	-1.0	98	0.00
39	t	Methacrylonitrile	0.095	0.088	7.4	97	0.00
40	t	Methyl acrylate	0.147	0.153	-4.1	104	0.00
41	t	Tetrahydrofuran	0.047	0.105	-123.4#	243#	0.00
42	t	1-Chlorobutane	0.473	0.512	-8.2	106	0.00
43	T	Dibromomethane	0.128	0.141	-10.2	109	0.00
44	T	Bromodichloromethane	0.351	0.369	-5.1	100	0.00
45	T	4-Methyl-2-Pentanone	0.157	0.153	2.5	97	0.00
46	t	t-1,4-Dichloro-2-butene	0.079	0.073	7.6	95	0.00
47	t	Methyl methacrylate	0.132	0.069	47.7#	51	0.00
48	t	Ethyl methacrylate	0.271	0.289	-6.6	102	0.00
49	Rt	Toluene	0.617	0.700	-13.5	108	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.341	0.377	-10.6	105	0.00
51	T	cis-1,3-Dichloropropene	0.414	0.453	-9.4	104	0.00
52	RT	1,1,2-Trichloroethane	0.189	0.200	-5.8	101	0.00
53	t	1,3-Dichloropropane	0.338	0.357	-5.6	103	0.00
54	t	2-Hexanone	0.134	0.122	9.0	102	0.00
55	t	Dibromochloromethane	0.215	0.225	-4.7	100	0.00
56	T	1,2-Dibromoethane	0.168	0.187	-11.3	106	0.00
57	S	4-Bromofluorobenzene	0.422	0.411	2.6	98	0.00
58	RT	Tetrachloroethene	0.183	0.215	-17.5	115	0.00
59	Rt	Chlorobenzene	0.690	0.731	-5.9	102	0.00
60	T	1,1,1,2-Tetrachloroethane	0.228	0.243	-6.6	100	0.00
61	t	Pentachloroethane	0.198	0.216	-9.1	102	0.00
62	t	Hexachloroethane	0.218	0.234	-7.3	98	0.00
63	Rt	Ethyl Benzene	1.274	1.423	-11.7	105	0.00
64	RT	m/p-Xylenes	0.462	0.540	-16.9	110	0.00
65	RT	o-Xylene	0.472	0.525	-11.2	106	0.00
66	RT	Styrene	0.748	0.872	-16.6	108	0.00
67	t	Bromoform	0.105	0.115	-9.5	102	0.00
68	S	1,2-Dichlorobenzene-d4	0.335	0.362	-8.1	108	0.00
69	T	Isopropylbenzene	1.263	1.401	-10.9	104	0.00
70	T	1,1,2,2-Tetrachloroethane	0.254	0.259	-2.0	97	0.00
71	T	1,2,3-Trichloropropane	0.219	0.205	6.4	93	0.00
72	t	Bromobenzene	0.245	0.281	-14.7	107	0.00
73	t	n-propylbenzene	0.335	0.380	-13.4	105	0.00
74	t	2-Chlorotoluene	0.278	0.315	-13.3	107	0.00
75	t	1,3,5-Trimethylbenzene	1.051	1.197	-13.9	106	0.00
76	t	4-Chlorotoluene	0.292	0.323	-10.6	108	0.00
77	t	tert-Butylbenzene	1.030	1.132	-9.9	103	0.00
78	t	1,2,4-Trimethylbenzene	1.071	1.197	-11.8	105	0.00
79	t	sec-Butylbenzene	1.430	1.614	-12.9	104	0.00
80		Nitrobenzene	0.013	0.003	76.9#	22	0.00
81	t	p-Isopropyltoluene	1.132	1.291	-14.0	106	0.00
82	t	1,3-Dichlorobenzene	0.538	0.608	-13.0	106	0.00
83	Rt	1,4-Dichlorobenzene	0.549	0.606	-10.4	104	0.00
84	t	n-Butylbenzene	1.173	1.328	-13.2	103	0.00
85	Rt	1,2-Dichlorobenzene	0.513	0.554	-8.0	103	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.040	0.044	-10.0	93	0.00
87	Rt	1,2,4-Trichlorobenzene	0.315	0.372	-18.1	108	0.00
88	t	Hexachlorobutadiene	0.154	0.175	-13.6	106	0.00
89	t	Naphthalene	0.670	0.772	-15.2	107	0.00
90	t	1,2,3-Trichlorobenzene	0.277	0.322	-16.2	108	0.00

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