Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101823\
Data File : VU055798.D
Acq On : 18 Oct 2023 13:34
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU101823

Quant Time: Oct 19 03:41:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 19 03:10:04 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	0.388	0.227	41.5#	53	0.00
3	t	Chloromethane	0.332	0.254	23.5	71	0.00
4	Rt	Vinyl Chloride	0.340	0.267	21.5	73	0.00
5	T	Bromomethane	0.187	0.145	22.5	70	0.00
6	T	Chloroethane	0.165	0.108	34.5#	59	0.00
7	T	Trichlorofluoromethane	0.449	0.273	39.2#	56	-0.02
8		1,1,2-Trichloro-1,2,2-trifl	0.299	0.245	18.1	75	-0.02
9	Rt	1,1-Dichloroethene	0.279	0.243	12.9	79	-0.02
10	t	Iodomethane	0.416	0.342	17.8	71	0.00
11	t	Allyl Chloride	0.363	0.361	0.6	89	0.00
12	t	Acrylonitrile	0.052	0.132	-153.8#	220#	0.00
13	T	Acetone	0.112	0.057	49.1#	47	0.01
14	T	Carbon Disulfide	0.910	0.717	21.2	71	-0.02
15	RT	Methylene Chloride	0.329	0.293	10.9	85	0.00
16	RT	trans-1,2-Dichloroethene	0.296	0.272	8.1	82	0.00
17	t	1,1-Dichloroethane	0.550	0.515	6.4	85	0.00
18	T	2-Butanone	0.120	0.100	16.7	72	0.02
19		Cyclohexane	0.469	0.424	9.6	76	0.00
20		Methylcyclohexane	0.487	0.474	2.7	79	0.00
21	T	2,2-Dichloropropane	0.463	0.439	5.2	86	0.00
22	RT	cis-1,2-Dichloroethene	0.315	0.312	1.0	86	0.00
23	t	Diethyl Ether	0.167	0.139	16.8	76	0.00
24	t	tert-Butyl Alcohol	0.017	0.009	47.1#	47	0.12
25	t	Methyl tert-Butyl Ether	0.600	0.607	-1.2	88	0.00
26	t	Bromochloromethane	0.134	0.119	11.2	81	0.00
27	t	Chloroform	0.564	0.527	6.6	86	0.00
28	RT	1,1,1-Trichloroethane	0.506	0.461	8.9	82	0.00
29	T	1,1-Dichloropropene	0.400	0.385	3.8	84	0.00
30	RT	Carbon Tetrachloride	0.441	0.398	9.8	81	0.00
31	t	Isopropyl Ether	0.739	0.780	-5.5	90	0.00
32		Ethyl-t-butyl ether	0.713	0.009	98.7#	1#	0.16
33		Tert-Amyl methyl ether	0.611	0.000	100.0#	0#	-5.94#
34	t	Propionitrile	0.019	0.036	-89.5#	163	0.01
35	RT	Benzene	1.213	1.156	4.7	85	0.00
36	RT	1,2-Dichloroethane	0.329	0.305	7.3	85	0.00
37	RT	Trichloroethene	0.316	0.288	8.9	83	0.00
38	Rt	1,2-Dichloropropane	0.317	0.301	5.0	86	0.00
39	t	Methacrylonitrile	0.071	0.070	1.4	83	0.01
40	t	Methyl acrylate	0.114	0.144	-26.3	91	0.00
41	t	Tetrahydrofuran	0.040	0.098	-145.0#	227#	0.00
42	t	1-Chlorobutane	0.534	0.528	1.1	86	0.00
43	T	Dibromomethane	0.151	0.151	0.0	93	0.00
44	T	Bromodichloromethane	0.398	0.395	0.8	90	0.00
45	T	4-Methyl-2-Pentanone	0.156	0.152	2.6	84	0.03
46	t	t-1,4-Dichloro-2-butene	0.062	0.061	1.6	95	0.00
47	t	Methyl methacrylate	0.124	0.066	46.8#	44	0.00
48	t	Ethyl methacrylate	0.236	0.270	-14.4	94	0.00
49	Rt	Toluene	0.718	0.746	-3.9	89	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.352	0.377	-7.1	94	0.00
51	T	cis-1,3-Dichloropropene	0.431	0.452	-4.9	91	0.00
52	RT	1,1,2-Trichloroethane	0.215	0.213	0.9	94	0.00
53	t	1,3-Dichloropropane	0.368	0.366	0.5	92	0.00
54	t	2-Hexanone	0.174	0.113	35.1#	55	0.03
55	t	Dibromochloromethane	0.260	0.254	2.3	90	0.00
56	T	1,2-Dibromoethane	0.197	0.201	-2.0	93	0.00
57	S	4-Bromofluorobenzene	0.394	0.416	-5.6	106	0.00
58	RT	Tetrachloroethene	0.328	0.284	13.4	83	0.00
59	Rt	Chlorobenzene	0.793	0.785	1.0	89	0.00
60	T	1,1,1,2-Tetrachloroethane	0.283	0.285	-0.7	92	0.00
61	t	Pentachloroethane	0.191	0.210	-9.9	98	0.00
62	t	Hexachloroethane	0.202	0.222	-9.9	88	0.00
63	Rt	Ethyl Benzene	1.346	1.474	-9.5	92	0.00
64	RT	m/p-Xylenes	0.517	0.569	-10.1	92	0.00
65	RT	o-Xylene	0.508	0.544	-7.1	92	0.00
66	RT	Styrene	0.794	0.902	-13.6	93	0.00
67	t	Bromoform	0.139	0.143	-2.9	92	0.01
68	S	1,2-Dichlorobenzene-d4	0.366	0.360	1.6	95	0.00
69	T	Isopropylbenzene	1.307	1.456	-11.4	93	0.00
70	T	1,1,2,2-Tetrachloroethane	0.252	0.243	3.6	89	0.01
71	T	1,2,3-Trichloropropane	0.208	0.183	12.0	81	0.00
72	t	Bromobenzene	0.312	0.321	-2.9	92	0.00
73	t	n-propylbenzene	0.337	0.382	-13.4	88	0.00
74	t	2-Chlorotoluene	0.313	0.337	-7.7	93	0.00
75	t	1,3,5-Trimethylbenzene	1.117	1.267	-13.4	91	0.00
76	t	4-Chlorotoluene	0.319	0.335	-5.0	89	0.00
77	t	tert-Butylbenzene	1.024	1.144	-11.7	90	0.00
78	t	1,2,4-Trimethylbenzene	1.106	1.221	-10.4	86	0.00
79	t	sec-Butylbenzene	1.293	1.475	-14.1	87	0.00
80		Nitrobenzene	0.007	0.002	71.4#	18#	0.00
81	t	p-Isopropyltoluene	1.041	1.180	-13.4	84	0.00
82	t	1,3-Dichlorobenzene	0.636	0.635	0.2	87	0.00
83	Rt	1,4-Dichlorobenzene	0.616	0.621	-0.8	87	0.00
84	t	n-Butylbenzene	0.888	0.958	-7.9	78	0.00
85	Rt	1,2-Dichlorobenzene	0.582	0.563	3.3	84	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.036	0.037	-2.8	82	0.00
87	Rt	1,2,4-Trichlorobenzene	0.316	0.347	-9.8	83	0.00
88	t	Hexachlorobutadiene	0.219	0.217	0.9	80	0.00
89	t	Naphthalene	0.459	0.541	-17.9	87	0.00
90	t	1,2,3-Trichlorobenzene	0.271	0.302	-11.4	85	0.00

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