Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
Data File : VU050357.D
Acq On : 17 Aug 2022 14:23
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU081722

Quant Time: Aug 18 06:07:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 18 06:06:02 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	97	0.00
2	T	Dichlorodifluoromethane	0.384	0.386	-0.5	101	0.00
3	t	Chloromethane	0.470	0.476	-1.3	106	0.00
4	Rt	Vinyl Chloride	0.412	0.432	-4.9	102	0.00
5	T	Bromomethane	0.175	0.192	-9.7	107	0.00
6	T	Chloroethane	0.256	0.256	0.0	100	0.00
7	T	Trichlorofluoromethane	0.483	0.488	-1.0	100	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.262	0.289	-10.3	110	0.00
9	Rt	1,1-Dichloroethene	0.275	0.313	-13.8	112	0.00
10	t	Iodomethane	0.265	0.330	-24.5	110	0.00
11	t	Allyl Chloride	0.450	0.540	-20.0	121	0.00
12	t	Acrylonitrile	0.090	0.244	-171.1#	264#	0.00
13	T	Acetone	0.064	0.104	-62.5#	168	0.01
14	T	Carbon Disulfide	0.930	1.051	-13.0	113	0.00
15	RT	Methylene Chloride	0.378	0.407	-7.7	116	0.00
16	RT	trans-1,2-Dichloroethene	0.299	0.346	-15.7	111	-0.02
17	t	1,1-Dichloroethane	0.605	0.701	-15.9	113	-0.03
18	T	2-Butanone	0.100	0.117	-17.0	113	0.00
19		Cyclohexane	0.359	0.453	-26.2	115	0.00
20		Methylcyclohexane	0.344	0.458	-33.1#	117	-0.03
21	T	2,2-Dichloropropane	0.449	0.514	-14.5	108	0.00
22	RT	cis-1,2-Dichloroethene	0.328	0.403	-22.9	120	0.00
23	t	Diethyl Ether	0.247	0.284	-15.0	110	0.00
24	t	tert-Butyl Alcohol	0.035	0.016	54.3#	45	0.03
25	t	Methyl tert-Butyl Ether	0.776	0.904	-16.5	112	-0.01
26	t	Bromochloromethane	0.147	0.127	13.6	93	0.00
27	t	Chloroform	0.573	0.667	-16.4	115	0.00
28	RT	1,1,1-Trichloroethane	0.458	0.514	-12.2	110	0.00
29	T	1,1-Dichloropropene	0.354	0.442	-24.9	112	0.00
30	RT	Carbon Tetrachloride	0.372	0.425	-14.2	112	0.00
31	t	Isopropyl Ether	0.929	0.000	100.0#	0#	-4.02#
32		Ethyl-t-butyl ether	0.745	0.000	100.0#	0#	-4.53#
33		Tert-Amyl methyl ether	0.495	0.000	100.0#	0#	-5.96#
34	t	Propionitrile	0.034	0.072	-111.8#	205#	0.00
35	RT	Benzene	1.172	1.457	-24.3	117	0.00
36	RT	1,2-Dichloroethane	0.367	0.426	-16.1	112	0.00
37	RT	Trichloroethene	0.285	0.335	-17.5	113	-0.03
38	Rt	1,2-Dichloropropane	0.321	0.392	-22.1	112	-0.03
39	t	Methacrylonitrile	0.109	0.121	-11.0	96	0.00
40	t	Methyl acrylate	0.191	0.225	-17.8	104	0.00
41	t	Tetrahydrofuran	0.059	0.172	-191.5#	258#	0.00
42	t	1-Chlorobutane	0.505	0.615	-21.8	114	0.00
43	T	Dibromomethane	0.177	0.217	-22.6	118	-0.03
44	T	Bromodichloromethane	0.412	0.500	-21.4	115	-0.02
45	T	4-Methyl-2-Pentanone	0.189	0.244	-29.1	111	-0.02
46	t	t-1,4-Dichloro-2-butene	0.066	0.051	22.7	60	0.00
47	t	Methyl methacrylate	0.142	0.091	35.9#	52	-0.02
48	t	Ethyl methacrylate	0.250	0.348	-39.2#	112	0.00
49	Rt	Toluene	0.650	0.876	-34.8#	115	-0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.338	0.452	-33.7#	117	-0.02
51	T	cis-1,3-Dichloropropene	0.387	0.524	-35.4#	121	-0.02
52	RT	1,1,2-Trichloroethane	0.264	0.302	-14.4	111	0.00
53	t	1,3-Dichloropropane	0.411	0.508	-23.6	113	0.00
54	t	2-Hexanone	0.131	0.181	-38.2#	117	0.00
55	t	Dibromochloromethane	0.282	0.326	-15.6	109	0.00
56	T	1,2-Dibromoethane	0.231	0.289	-25.1	116	0.00
57	S	4-Bromofluorobenzene	0.347	0.404	-16.4	108	0.00
58	RT	Tetrachloroethene	0.266	0.306	-15.0	111	-0.01
59	Rt	Chlorobenzene	0.704	0.882	-25.3	111	0.00
60	T	1,1,1,2-Tetrachloroethane	0.291	0.340	-16.8	112	0.00
61	t	Pentachloroethane	0.241	0.291	-20.7	115	0.00
62	t	Hexachloroethane	0.189	0.236	-24.9	113	0.00
63	Rt	Ethyl Benzene	1.109	1.583	-42.7#	113	0.00
64	RT	m/p-Xylenes	0.431	0.642	-49.0#	114	0.00
65	RT	o-Xylene	0.417	0.604	-44.8#	116	0.00
66	RT	Styrene	0.688	1.054	-53.2#	115	0.00
67	t	Bromoform	0.164	0.197	-20.1	112	0.00
68	S	1,2-Dichlorobenzene-d4	0.389	0.410	-5.4	97	0.00
69	T	Isopropylbenzene	1.068	1.573	-47.3#	117	0.00
70	T	1,1,2,2-Tetrachloroethane	0.359	0.411	-14.5	107	0.00
71	T	1,2,3-Trichloropropane	0.258	0.285	-10.5	108	0.00
72	t	Bromobenzene	0.298	0.390	-30.9#	114	0.00
73	t	n-propylbenzene	0.281	0.406	-44.5#	110	0.00
74	t	2-Chlorotoluene	0.275	0.389	-41.5#	114	0.00
75	t	1,3,5-Trimethylbenzene	0.933	1.400	-50.1#	116	0.00
76	t	4-Chlorotoluene	0.276	0.398	-44.2#	113	0.00
77	t	tert-Butylbenzene	0.915	1.247	-36.3#	111	0.00
78	t	1,2,4-Trimethylbenzene	0.962	1.418	-47.4#	110	0.00
79	t	sec-Butylbenzene	1.208	1.641	-35.8#	107	0.00
80		Nitrobenzene	0.022	0.004	81.8#	18#	0.00
81	t	p-Isopropyltoluene	0.968	1.374	-41.9#	109	0.00
82	t	1,3-Dichlorobenzene	0.606	0.777	-28.2	109	0.00
83	Rt	1,4-Dichlorobenzene	0.610	0.783	-28.4	110	0.00
84	t	n-Butylbenzene	0.918	1.211	-31.9#	102	0.00
85	Rt	1,2-Dichlorobenzene	0.606	0.759	-25.2	109	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.058	0.064	-10.3	103	0.00
87	Rt	1,2,4-Trichlorobenzene	0.353	0.484	-37.1#	112	0.00
88	t	Hexachlorobutadiene	0.209	0.247	-18.2	107	0.00
89	t	Naphthalene	0.799	1.080	-35.2#	112	0.00
90	t	1,2,3-Trichlorobenzene	0.364	0.479	-31.6#	105	0.00

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