Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
Data File : VU050214.D
Acq On : 10 Aug 2022 12:23
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU081022

Quant Time: Aug 10 12:42:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Aug 10 12:01:51 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	102	0.00
2	T	Dichlorodifluoromethane	0.360	0.198	45.0#	58	0.00
3	t	Chloromethane	0.452	0.314	30.5#	81	0.00
4	Rt	Vinyl Chloride	0.401	0.308	23.2	83	0.00
5	T	Bromomethane	0.121	0.125	-3.3	115	0.00
6	T	Chloroethane	0.242	0.198	18.2	91	0.00
7	T	Trichlorofluoromethane	0.440	0.361	18.0	89	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.234	0.208	11.1	94	0.00
9	Rt	1,1-Dichloroethene	0.265	0.231	12.8	94	0.00
10	t	Iodomethane	0.221	0.215	2.7	98	0.00
11	t	Allyl Chloride	0.368	0.360	2.2	103	0.00
12	t	Acrylonitrile	0.070	0.184	-162.9#	273#	0.01
13	T	Acetone	0.053	0.049	7.5	102	0.03
14	T	Carbon Disulfide	1.004	0.784	21.9	90	0.00
15	RT	Methylene Chloride	0.397	0.312	21.4	101	0.00
16	RT	trans-1,2-Dichloroethene	0.294	0.274	6.8	99	0.00
17	t	1,1-Dichloroethane	0.554	0.532	4.0	104	0.00
18	T	2-Butanone	0.085	0.080	5.9	97	0.00
19		Cyclohexane	0.370	0.337	8.9	85	0.00
20		Methylcyclohexane	0.364	0.388	-6.6	99	0.00
21	T	2,2-Dichloropropane	0.417	0.379	9.1	105	0.00
22	RT	cis-1,2-Dichloroethene	0.331	0.325	1.8	105	0.00
23	t	Diethyl Ether	0.237	0.213	10.1	102	0.00
24	t	tert-Butyl Alcohol	0.018	0.009	50.0#	56	0.06
25	t	Methyl tert-Butyl Ether	0.681	0.703	-3.2	108	0.00
26	t	Bromochloromethane	0.153	0.001	99.3#	0#	0.00
27	t	Chloroform	0.571	0.538	5.8	103	0.00
28	RT	1,1,1-Trichloroethane	0.449	0.414	7.8	98	0.00
29	T	1,1-Dichloropropene	0.373	0.358	4.0	97	0.00
30	RT	Carbon Tetrachloride	0.369	0.346	6.2	100	0.00
31	t	Isopropyl Ether	0.751	0.877	-16.8	116	0.00
32		Ethyl-t-butyl ether	0.718	0.001	99.9#	0#	0.00
33		Tert-Amyl methyl ether	0.634	0.000	100.0#	0#	-5.94#
34	t	Propionitrile	0.030	0.060	-100.0#	205#	0.01
35	RT	Benzene	1.236	1.200	2.9	102	0.00
36	RT	1,2-Dichloroethane	0.357	0.342	4.2	105	0.00
37	RT	Trichloroethene	0.293	0.283	3.4	102	0.00
38	Rt	1,2-Dichloropropane	0.338	0.317	6.2	101	0.00
39	t	Methacrylonitrile	0.094	0.099	-5.3	103	0.00
40	t	Methyl acrylate	0.183	0.230	-25.7	120	0.00
41	t	Tetrahydrofuran	0.056	0.144	-157.1#	276#	0.00
42	t	1-Chlorobutane	0.520	0.511	1.7	99	0.00
43	T	Dibromomethane	0.175	0.173	1.1	107	0.00
44	T	Bromodichloromethane	0.412	0.412	0.0	107	0.00
45	T	4-Methyl-2-Pentanone	0.194	0.207	-6.7	108	0.00
46	t	t-1,4-Dichloro-2-butene	0.077	0.065	15.6	99	0.00
47	t	Methyl methacrylate	0.152	0.080	47.4#	51	0.00
48	t	Ethyl methacrylate	0.279	0.319	-14.3	110	0.00
49	Rt	Toluene	0.699	0.729	-4.3	104	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.360	0.396	-10.0	113	0.00
51	T	cis-1,3-Dichloropropene	0.426	0.464	-8.9	114	0.00
52	RT	1,1,2-Trichloroethane	0.250	0.246	1.6	108	0.00
53	t	1,3-Dichloropropane	0.422	0.415	1.7	106	0.00
54	t	2-Hexanone	0.137	0.147	-7.3	108	0.00
55	t	Dibromochloromethane	0.278	0.276	0.7	108	0.00
56	T	1,2-Dibromoethane	0.230	0.238	-3.5	110	0.00
57	S	4-Bromofluorobenzene	0.343	0.347	-1.2	102	0.00
58	RT	Tetrachloroethene	0.249	0.240	3.6	103	0.00
59	Rt	Chlorobenzene	0.742	0.753	-1.5	103	0.00
60	T	1,1,1,2-Tetrachloroethane	0.291	0.285	2.1	106	0.00
61	t	Pentachloroethane	0.236	0.239	-1.3	109	0.00
62	t	Hexachloroethane	0.186	0.192	-3.2	102	0.00
63	Rt	Ethyl Benzene	1.204	1.345	-11.7	105	0.00
64	RT	m/p-Xylenes	0.457	0.523	-14.4	104	0.00
65	RT	o-Xylene	0.447	0.508	-13.6	107	0.00
66	RT	Styrene	0.713	0.855	-19.9	107	0.00
67	t	Bromoform	0.161	0.166	-3.1	111	0.00
68	S	1,2-Dichlorobenzene-d4	0.347	0.358	-3.2	106	0.00
69	T	Isopropylbenzene	1.116	1.283	-15.0	106	0.00
70	T	1,1,2,2-Tetrachloroethane	0.336	0.324	3.6	105	0.00
71	T	1,2,3-Trichloropropane	0.247	0.215	13.0	99	0.00
72	t	Bromobenzene	0.304	0.318	-4.6	107	0.00
73	t	n-propylbenzene	0.277	0.333	-20.2	105	0.00
74	t	2-Chlorotoluene	0.284	0.320	-12.7	107	0.00
75	t	1,3,5-Trimethylbenzene	0.952	1.133	-19.0	107	0.00
76	t	4-Chlorotoluene	0.282	0.322	-14.2	105	0.00
77	t	tert-Butylbenzene	0.944	1.048	-11.0	105	0.00
78	t	1,2,4-Trimethylbenzene	0.970	1.134	-16.9	106	0.00
79	t	sec-Butylbenzene	1.147	1.316	-14.7	103	0.00
80		Nitrobenzene	0.013	0.003	76.9#	26	0.00
81	t	p-Isopropyltoluene	0.909	1.067	-17.4	104	0.00
82	t	1,3-Dichlorobenzene	0.577	0.619	-7.3	109	0.00
83	Rt	1,4-Dichlorobenzene	0.560	0.615	-9.8	111	0.00
84	t	n-Butylbenzene	0.790	0.924	-17.0	108	0.00
85	Rt	1,2-Dichlorobenzene	0.559	0.603	-7.9	110	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.052	0.052	0.0	106	0.00
87	Rt	1,2,4-Trichlorobenzene	0.313	0.384	-22.7	120	0.00
88	t	Hexachlorobutadiene	0.183	0.194	-6.0	107	0.00
89	t	Naphthalene	0.646	0.853	-32.0#	124	0.00
90	t	1,2,3-Trichlorobenzene	0.322	0.375	-16.5	113	0.00

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