Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
Data File : VU050376.D
Acq On : 19 Aug 2022 16:13
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU081922

Quant Time: Aug 25 20:01:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	i	Fluorobenzene	1.000	1.000	0.0	101	0.00
2	T	Dichlorodifluoromethane	10.000	9.358	6.4	91	0.00
3	t	Chloromethane	10.000	9.172	8.3	92	0.00
4	Rt	Vinyl Chloride	10.000	10.024	-0.2	97	0.00
5	T	Bromomethane	10.000	8.569	14.3	89	0.00
6	T	Chloroethane	10.000	9.298	7.0	90	0.00
7	T	Trichlorofluoromethane	10.000	9.683	3.2	94	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.668	3.3	96	0.00
9	Rt	1,1-Dichloroethene	10.000	9.905	1.0	97	0.00
10	t	Iodomethane	10.000	7.234	27.7	69	0.00
11	t	Allyl Chloride	10.000	9.884	1.2	97	0.00
12	t	Acrylonitrile	20.000	43.333	-116.7#	208	0.00
13	T	Acetone	50.000	56.680	-13.4	112	0.00
14	T	Carbon Disulfide	10.000	10.662	-6.6	106	0.00
15	RT	Methylene Chloride	10.000	8.652	13.5	96	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.929	0.7	97	0.00
17	t	1,1-Dichloroethane	10.000	9.355	6.4	92	0.00
18	T	2-Butanone	50.000	49.003	2.0	93	0.00
19		Cyclohexane	10.000	9.340	6.6	93	0.00
20		Methylcyclohexane	10.000	12.315	-23.1	105	0.00
21	T	2,2-Dichloropropane	10.000	9.419	5.8	99	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.872	1.3	97	0.00
23	t	Diethyl Ether	10.000	8.934	10.7	87	0.00
24	t	tert-Butyl Alcohol	100.000	41.772	58.2#	45	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.236	7.6	91	0.00
26	t	Bromochloromethane	10.000	8.057	19.4	81	0.00
27	t	Chloroform	10.000	9.008	9.9	89	0.00
28	RT	1,1,1-Trichloroethane	10.000	8.684	13.2	86	0.00
29	T	1,1-Dichloropropene	10.000	9.372	6.3	94	0.00
30	RT	Carbon Tetrachloride	10.000	9.139	8.6	87	0.00
31	t	Isopropyl Ether	10.000	9.181	8.2	91	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.51#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.95#
34	t	Propionitrile	50.000	102.612	-105.2#	227	0.00
35	RT	Benzene	10.000	9.751	2.5	93	0.00
36	RT	1,2-Dichloroethane	10.000	9.281	7.2	91	0.00
37	RT	Trichloroethene	10.000	9.750	2.5	95	0.00
38	Rt	1,2-Dichloropropane	10.000	9.719	2.8	90	0.00
39	t	Methacrylonitrile	10.000	7.939	20.6	85	0.00
40	t	Methyl acrylate	10.000	10.067	-0.7	110	0.00
41	t	Tetrahydrofuran	20.000	42.185	-110.9#	209	0.00
42	t	1-Chlorobutane	10.000	8.953	10.5	90	0.00
43	T	Dibromomethane	10.000	9.746	2.5	93	0.00
44	T	Bromodichloromethane	10.000	9.590	4.1	92	0.00
45	T	4-Methyl-2-Pentanone	50.000	49.846	0.3	84	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	14.544	27.3	68	0.00
47	t	Methyl methacrylate	20.000	8.625	56.9#	40	0.00
48	t	Ethyl methacrylate	10.000	8.509	14.9	86	0.00
49	Rt	Toluene	10.000	11.080	-10.8	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.083	-10.8	98	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.950	-9.5	98	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.290	7.1	88	0.00
53	t	1,3-Dichloropropane	10.000	9.842	1.6	90	0.00
54	t	2-Hexanone	50.000	51.601	-3.2	88	0.00
55	t	Dibromochloromethane	10.000	9.342	6.6	90	0.00
56	T	1,2-Dibromoethane	10.000	9.807	1.9	91	0.00
57	S	4-Bromofluorobenzene	1.000	1.201	-20.1	104	0.00
58	RT	Tetrachloroethene	10.000	10.022	-0.2	96	0.00
59	Rt	Chlorobenzene	10.000	10.350	-3.5	91	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.026	9.7	85	0.00
61	t	Pentachloroethane	10.000	9.630	3.7	90	0.00
62	t	Hexachloroethane	10.000	10.113	-1.1	91	0.00
63	Rt	Ethyl Benzene	10.000	9.129	8.7	92	0.00
64	RT	m/p-Xylenes	20.000	19.043	4.8	94	0.00
65	RT	o-Xylene	10.000	9.160	8.4	91	0.00
66	RT	Styrene	10.000	9.046	9.5	89	0.00
67	t	Bromoform	10.000	9.372	6.3	88	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.047	-4.7	100	0.00
69	T	Isopropylbenzene	10.000	9.405	6.0	95	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	8.741	12.6	83	0.00
71	T	1,2,3-Trichloropropane	10.000	7.479	25.2	69	0.00
72	t	Bromobenzene	10.000	10.392	-3.9	91	0.00
73	t	n-propylbenzene	10.000	8.900	11.0	88	0.00
74	t	2-Chlorotoluene	10.000	9.262	7.4	91	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.233	7.7	90	0.00
76	t	4-Chlorotoluene	10.000	8.646	13.5	82	0.00
77	t	tert-Butylbenzene	10.000	8.964	10.4	89	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.248	7.5	92	0.00
79	t	sec-Butylbenzene	10.000	9.200	8.0	92	0.00
80		Nitrobenzene	50.000	9.933	80.1#	19	0.00
81	t	p-Isopropyltoluene	10.000	9.126	8.7	91	0.00
82	t	1,3-Dichlorobenzene	10.000	10.882	-8.8	94	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.864	-8.6	93	0.00
84	t	n-Butylbenzene	10.000	9.130	8.7	92	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.508	-5.1	92	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.009	9.9	86	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	12.363	-23.6	105	0.00
88	t	Hexachlorobutadiene	10.000	10.236	-2.4	94	0.00
89	t	Naphthalene	10.000	9.855	1.4	105	0.00
90	t	1,2,3-Trichlorobenzene	10.000	9.409	5.9	95	0.00

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