Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
Data File : VU053476.D
Acq On : 29 Mar 2023 20:33
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Mar 30 14:10:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 30 13:33:10 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	i	Fluorobenzene	1.000	1.000	0.0	90	0.00
2	T	Dichlorodifluoromethane	10.000	9.856	1.4	83	0.00
3	t	Chloromethane	10.000	9.220	7.8	83	0.00
4	Rt	Vinyl Chloride	10.000	9.631	3.7	82	0.00
5	T	Bromomethane	10.000	10.323	-3.2	89	0.00
6	T	Chloroethane	10.000	9.419	5.8	86	0.00
7	T	Trichlorofluoromethane	10.000	9.160	8.4	81	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.322	6.8	84	0.00
9	Rt	1,1-Dichloroethene	10.000	9.597	4.0	86	0.00
10	t	Iodomethane	10.000	9.722	2.8	87	0.00
11	t	Allyl Chloride	10.000	10.007	-0.1	83	0.00
12	t	Acrylonitrile	20.000	19.361	3.2	83	0.00
13	T	Acetone	50.000	19.064	61.9#	35	-0.02
14	T	Carbon Disulfide	10.000	9.682	3.2	83	0.00
15	RT	Methylene Chloride	10.000	7.653	23.5	72	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.959	0.4	85	0.00
17	t	1,1-Dichloroethane	10.000	9.991	0.1	83	0.00
18	T	2-Butanone	50.000	29.987	40.0#	50	-0.03
19		Cyclohexane	10.000	9.820	1.8	82	0.00
20		Methylcyclohexane	10.000	10.005	-0.1	82	0.00
21	T	2,2-Dichloropropane	10.000	9.726	2.7	79	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.033	-0.3	83	0.00
23	t	Diethyl Ether	10.000	9.561	4.4	84	0.00
24	t	tert-Butyl Alcohol	100.000	97.315	2.7	81	-0.06
25	t	Methyl tert-Butyl Ether	10.000	10.227	-2.3	85	0.00
26	t	Bromochloromethane	10.000	9.957	0.4	83	0.00
27	t	Chloroform	10.000	10.049	-0.5	84	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.966	0.3	81	0.00
29	T	1,1-Dichloropropene	10.000	10.251	-2.5	84	0.00
30	RT	Carbon Tetrachloride	10.000	10.454	-4.5	83	0.00
31	t	Isopropyl Ether	10.000	10.294	-2.9	85	-0.01
32		Ethyl-t-butyl ether	10.000	10.232	-2.3	84	0.00
33		Tert-Amyl methyl ether	10.000	10.413	-4.1	85	0.00
34	t	Propionitrile	50.000	50.114	-0.2	82	-0.03
35	RT	Benzene	10.000	10.011	-0.1	83	0.00
36	RT	1,2-Dichloroethane	10.000	9.940	0.6	85	0.00
37	RT	Trichloroethene	10.000	10.228	-2.3	82	0.00
38	Rt	1,2-Dichloropropane	10.000	10.232	-2.3	84	0.00
39	t	Methacrylonitrile	10.000	10.339	-3.4	87	0.00
40	t	Methyl acrylate	10.000	9.438	5.6	86	-0.01
41	t	Tetrahydrofuran	20.000	21.068	-5.3	85	-0.02
42	t	1-Chlorobutane	10.000	9.933	0.7	83	0.00
43	T	Dibromomethane	10.000	10.342	-3.4	84	0.00
44	T	Bromodichloromethane	10.000	10.314	-3.1	82	0.00
45	T	4-Methyl-2-Pentanone	50.000	49.807	0.4	81	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	18.696	6.5	82	0.00
47	t	Methyl methacrylate	20.000	21.087	-5.4	87	-0.01
48	t	Ethyl methacrylate	10.000	10.373	-3.7	82	0.00
49	Rt	Toluene	10.000	10.229	-2.3	83	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.095	-11.0	85	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.740	-7.4	84	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.175	-1.8	84	0.00
53	t	1,3-Dichloropropane	10.000	10.193	-1.9	83	0.00
54	t	2-Hexanone	50.000	33.994	32.0#	56	0.00
55	t	Dibromochloromethane	10.000	10.802	-8.0	82	0.00
56	T	1,2-Dibromoethane	10.000	10.590	-5.9	85	0.00
57	S	4-Bromofluorobenzene	1.000	0.972	2.8	83	0.00
58	RT	Tetrachloroethene	10.000	10.407	-4.1	82	0.00
59	Rt	Chlorobenzene	10.000	10.147	-1.5	82	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.782	-7.8	83	0.00
61	t	Pentachloroethane	10.000	9.794	2.1	82	0.00
62	t	Hexachloroethane	10.000	9.365	6.3	81	0.00
63	Rt	Ethyl Benzene	10.000	10.540	-5.4	83	0.00
64	RT	m/p-Xylenes	20.000	21.215	-6.1	83	0.00
65	RT	o-Xylene	10.000	10.552	-5.5	83	0.00
66	RT	Styrene	10.000	10.954	-9.5	82	0.00
67	t	Bromoform	10.000	9.098	9.0	79	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.020	-2.0	87	0.00
69	T	Isopropylbenzene	10.000	10.545	-5.4	82	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.414	-4.1	85	0.00
71	T	1,2,3-Trichloropropane	10.000	11.366	-13.7	110	0.00
72	t	Bromobenzene	10.000	10.535	-5.4	84	0.00
73	t	n-propylbenzene	10.000	11.240	-12.4	85	0.00
74	t	2-Chlorotoluene	10.000	10.513	-5.1	83	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.908	-9.1	84	0.00
76	t	4-Chlorotoluene	10.000	10.630	-6.3	84	0.00
77	t	tert-Butylbenzene	10.000	10.595	-6.0	83	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.820	-8.2	83	0.00
79	t	sec-Butylbenzene	10.000	10.696	-7.0	82	0.00
80		Nitrobenzene	50.000	55.086	-10.2	78	0.00
81	t	p-Isopropyltoluene	10.000	10.938	-9.4	82	0.00
82	t	1,3-Dichlorobenzene	10.000	10.326	-3.3	82	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.403	-4.0	83	0.00
84	t	n-Butylbenzene	10.000	10.862	-8.6	80	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.539	-5.4	85	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.384	-13.8	90	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.817	-8.2	82	0.00
88	t	Hexachlorobutadiene	10.000	10.542	-5.4	81	0.00
89	t	Naphthalene	10.000	10.605	-6.1	80	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.174	-11.7	83	0.00

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