Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
Data File : VU053794.D
Acq On : 19 Apr 2023 21:44
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Apr 21 10:13:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 21 09:18:21 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	97	0.00
2	T	Dichlorodifluoromethane	10.000	9.328	6.7	88	0.00
3	t	Chloromethane	10.000	9.500	5.0	96	0.00
4	Rt	Vinyl Chloride	10.000	9.825	1.8	93	0.00
5	T	Bromomethane	10.000	8.683	13.2	94	0.00
6	T	Chloroethane	10.000	9.494	5.1	91	0.00
7	T	Trichlorofluoromethane	10.000	9.715	2.9	92	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.673	3.3	90	0.00
9	Rt	1,1-Dichloroethene	10.000	9.465	5.4	91	0.00
10	t	Iodomethane	10.000	11.261	-12.6	96	0.00
11	t	Allyl Chloride	10.000	9.589	4.1	93	0.00
12	t	Acrylonitrile	20.000	19.632	1.8	94	0.00
13	T	Acetone	50.000	52.943	-5.9	87	0.00
14	T	Carbon Disulfide	10.000	9.255	7.4	89	0.00
15	RT	Methylene Chloride	10.000	9.805	2.0	101	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.459	5.4	90	0.00
17	t	1,1-Dichloroethane	10.000	8.688	13.1	83	0.00
18	T	2-Butanone	50.000	43.279	13.4	75	0.00
19		Cyclohexane	10.000	7.353	26.5	71	0.00
20		Methylcyclohexane	10.000	9.854	1.5	89	0.00
21	T	2,2-Dichloropropane	10.000	7.700	23.0	73	0.00
22	RT	cis-1,2-Dichloroethene	10.000	8.235	17.7	81	0.00
23	t	Diethyl Ether	10.000	9.913	0.9	92	0.00
24	t	tert-Butyl Alcohol	100.000	117.216	-17.2	107	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.930	0.7	94	0.00
26	t	Bromochloromethane	10.000	8.394	16.1	81	0.00
27	t	Chloroform	10.000	8.604	14.0	83	0.00
28	RT	1,1,1-Trichloroethane	10.000	8.834	11.7	83	0.00
29	T	1,1-Dichloropropene	10.000	9.554	4.5	91	0.00
30	RT	Carbon Tetrachloride	10.000	10.182	-1.8	95	0.00
31	t	Isopropyl Ether	10.000	7.949	20.5	77	0.00
32		Ethyl-t-butyl ether	10.000	7.967	20.3	76	0.00
33		Tert-Amyl methyl ether	10.000	10.303	-3.0	95	0.00
34	t	Propionitrile	50.000	37.681	24.6	80	0.00
35	RT	Benzene	10.000	10.161	-1.6	95	0.00
36	RT	1,2-Dichloroethane	10.000	9.734	2.7	93	0.00
37	RT	Trichloroethene	10.000	10.157	-1.6	93	0.00
38	Rt	1,2-Dichloropropane	10.000	10.355	-3.6	96	0.00
39	t	Methacrylonitrile	10.000	6.709	32.9#	73	0.00
40	t	Methyl acrylate	10.000	7.170	28.3	73	0.00
41	t	Tetrahydrofuran	20.000	13.232	33.8#	72	0.00
42	t	1-Chlorobutane	10.000	9.267	7.3	88	0.00
43	T	Dibromomethane	10.000	10.067	-0.7	95	0.00
44	T	Bromodichloromethane	10.000	10.193	-1.9	94	0.00
45	T	4-Methyl-2-Pentanone	50.000	51.286	-2.6	92	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	21.216	-6.1	85	0.00
47	t	Methyl methacrylate	20.000	20.719	-3.6	94	0.00
48	t	Ethyl methacrylate	10.000	10.022	-0.2	90	0.00
49	Rt	Toluene	10.000	10.318	-3.2	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.340	-3.4	92	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.154	-1.5	92	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.622	3.8	91	0.00
53	t	1,3-Dichloropropane	10.000	10.188	-1.9	95	0.00
54	t	2-Hexanone	50.000	54.423	-8.8	87	0.00
55	t	Dibromochloromethane	10.000	10.536	-5.4	93	0.00
56	T	1,2-Dibromoethane	10.000	10.193	-1.9	91	0.00
57	S	4-Bromofluorobenzene	1.000	1.075	-7.5	101	0.00
58	RT	Tetrachloroethene	10.000	11.278	-12.8	103	0.00
59	Rt	Chlorobenzene	10.000	9.996	0.0	91	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.449	-4.5	94	0.00
61	t	Pentachloroethane	10.000	7.938	20.6	73	0.00
62	t	Hexachloroethane	10.000	10.667	-6.7	91	0.00
63	Rt	Ethyl Benzene	10.000	10.633	-6.3	92	0.00
64	RT	m/p-Xylenes	20.000	21.518	-7.6	92	0.00
65	RT	o-Xylene	10.000	10.744	-7.4	93	0.00
66	RT	Styrene	10.000	10.875	-8.8	90	0.00
67	t	Bromoform	10.000	10.131	-1.3	88	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.015	-1.5	93	0.00
69	T	Isopropylbenzene	10.000	10.763	-7.6	92	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.682	3.2	91	0.00
71	T	1,2,3-Trichloropropane	10.000	6.744	32.6#	69	0.00
72	t	Bromobenzene	10.000	10.088	-0.9	90	0.00
73	t	n-propylbenzene	10.000	11.271	-12.7	92	0.00
74	t	2-Chlorotoluene	10.000	10.337	-3.4	92	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.083	-10.8	93	0.00
76	t	4-Chlorotoluene	10.000	10.523	-5.2	88	0.00
77	t	tert-Butylbenzene	10.000	10.318	-3.2	88	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.002	-10.0	89	0.00
79	t	sec-Butylbenzene	10.000	10.775	-7.8	89	0.00
80		Nitrobenzene	50.000	47.149	5.7	84	0.00
81	t	p-Isopropyltoluene	10.000	11.097	-11.0	90	0.00
82	t	1,3-Dichlorobenzene	10.000	10.186	-1.9	90	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.331	-3.3	89	0.00
84	t	n-Butylbenzene	10.000	9.212	7.9	86	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.162	-1.6	88	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.472	-4.7	88	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	9.637	3.6	84	0.00
88	t	Hexachlorobutadiene	10.000	9.495	5.1	81	0.00
89	t	Naphthalene	10.000	10.092	-0.9	84	0.00
90	t	1,2,3-Trichlorobenzene	10.000	9.655	3.5	82	0.00

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