Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090324\
Data File : VU060583.D
Acq On : 03 Sep 2024 13:17
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Sep 04 05:37:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 2024
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	108	0.00
2	T	Dichlorodifluoromethane	10.000	10.392	-3.9	109	0.00
3	t	Chloromethane	10.000	9.549	4.5	105	0.00
4	Rt	Vinyl Chloride	10.000	9.658	3.4	102	0.00
5	T	Bromomethane	10.000	9.094	9.1	97	0.00
6	T	Chloroethane	10.000	9.124	8.8	97	0.00
7	T	Trichlorofluoromethane	10.000	11.013	-10.1	116	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.561	4.4	101	0.00
9	Rt	1,1-Dichloroethene	10.000	9.275	7.2	100	0.00
10	t	Iodomethane	10.000	8.483	15.2	90	0.00
11	t	Allyl Chloride	10.000	9.373	6.3	99	0.00
12	t	Acrylonitrile	20.000	17.404	13.0	99	0.00
13	T	Acetone	50.000	50.764	-1.5	145	0.00
14	T	Carbon Disulfide	10.000	8.800	12.0	94	0.00
15	RT	Methylene Chloride	10.000	8.732	12.7	97	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.467	5.3	100	0.00
17	t	1,1-Dichloroethane	10.000	9.671	3.3	104	0.00
18	T	2-Butanone	50.000	51.987	-4.0	130	-0.01
19		Cyclohexane	10.000	9.279	7.2	97	0.00
20		Methylcyclohexane	10.000	12.139	-21.4	112	0.00
21	T	2,2-Dichloropropane	10.000	9.885	1.2	108	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.707	2.9	102	0.00
23	t	Diethyl Ether	10.000	9.064	9.4	99	0.00
24	t	tert-Butyl Alcohol	100.000	72.644	27.4	88	0.11
25	t	Methyl tert-Butyl Ether	10.000	9.064	9.4	99	0.00
26	t	Bromochloromethane	10.000	10.087	-0.9	108	0.00
27	t	Chloroform	10.000	10.131	-1.3	110	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.569	-5.7	114	0.00
29	T	1,1-Dichloropropene	10.000	11.041	-10.4	117	0.00
30	RT	Carbon Tetrachloride	10.000	11.513	-15.1	121	0.00
31	t	Isopropyl Ether	10.000	9.276	7.2	99	0.00
32		Ethyl-t-butyl ether	10.000	8.968	10.3	96	-0.01
33		Tert-Amyl methyl ether	10.000	11.228	-12.3	114	-0.01
34	t	Propionitrile	50.000	44.479	11.0	107	0.00
35	RT	Benzene	10.000	10.492	-4.9	108	0.00
36	RT	1,2-Dichloroethane	10.000	11.226	-12.3	121	0.00
37	RT	Trichloroethene	10.000	10.785	-7.9	112	0.00
38	Rt	1,2-Dichloropropane	10.000	10.783	-7.8	111	0.00
39	t	Methacrylonitrile	10.000	8.035	19.6	95	0.00
40	t	Methyl acrylate	10.000	8.600	14.0	102	0.00
41	t	Tetrahydrofuran	20.000	17.110	14.5	108	0.00
42	t	1-Chlorobutane	10.000	11.086	-10.9	117	0.00
43	T	Dibromomethane	10.000	9.870	1.3	106	0.00
44	T	Bromodichloromethane	10.000	10.955	-9.6	116	0.00
45	T	4-Methyl-2-Pentanone	50.000	60.836	-21.7	125	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	19.451	2.7	100	0.00
47	t	Methyl methacrylate	20.000	22.957	-14.8	111	0.00
48	t	Ethyl methacrylate	10.000	12.233	-22.3	116	0.00
49	Rt	Toluene	10.000	11.634	-16.3	108	0.00

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Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	12.105	-21.1	119	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.794	-17.9	118	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.711	2.9	105	0.00
53	t	1,3-Dichloropropane	10.000	10.765	-7.7	112	0.00
54	t	2-Hexanone	50.000	68.121	-36.2#	142	0.00
55	t	Dibromochloromethane	10.000	10.865	-8.7	113	0.00
56	T	1,2-Dibromoethane	10.000	9.846	1.5	103	0.00
57	S	4-Bromofluorobenzene	1.000	1.227	-22.7	119	0.00
58	RT	Tetrachloroethene	10.000	11.570	-15.7	118	0.00
59	Rt	Chlorobenzene	10.000	11.627	-16.3	114	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.853	-8.5	113	0.00
61	t	Pentachloroethane	10.000	9.776	2.2	100	0.00
62	t	Hexachloroethane	10.000	11.024	-10.2	111	0.00
63	Rt	Ethyl Benzene	10.000	10.554	-5.5	115	0.00
64	RT	m/p-Xylenes	20.000	20.954	-4.8	111	0.00
65	RT	o-Xylene	10.000	10.569	-5.7	114	0.00
66	RT	Styrene	10.000	10.262	-2.6	109	0.00
67	t	Bromoform	10.000	10.407	-4.1	112	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.064	-6.4	109	0.00
69	T	Isopropylbenzene	10.000	10.688	-6.9	115	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.517	4.8	103	0.00
71	T	1,2,3-Trichloropropane	10.000	9.658	3.4	95	0.00
72	t	Bromobenzene	10.000	11.714	-17.1	112	0.00
73	t	n-propylbenzene	10.000	10.475	-4.7	111	0.00
74	t	2-Chlorotoluene	10.000	10.295	-2.9	108	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.793	-7.9	114	0.00
76	t	4-Chlorotoluene	10.000	10.485	-4.8	110	0.00
77	t	tert-Butylbenzene	10.000	10.474	-4.7	113	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.575	-5.7	113	0.00
79	t	sec-Butylbenzene	10.000	10.362	-3.6	110	0.00
80		Nitrobenzene	50.000	36.152	27.7	78	0.00
81	t	p-Isopropyltoluene	10.000	10.528	-5.3	112	0.00
82	t	1,3-Dichlorobenzene	10.000	11.573	-15.7	110	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.750	-17.5	109	0.00
84	t	n-Butylbenzene	10.000	10.278	-2.8	109	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.238	-12.4	108	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.938	0.6	106	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.277	-12.8	105	0.00
88	t	Hexachlorobutadiene	10.000	11.494	-14.9	110	0.00
89	t	Naphthalene	10.000	9.475	5.3	91	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.379	-3.8	96	0.00

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