Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021325\
Data File : VU063262.D
Acq On : 13 Feb 2025 08:36
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 14 04:40:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 11 08:42:19 2025
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	93	0.00
2	T	Dichlorodifluoromethane	10.000	9.970	0.3	99	0.00
3	t	Chloromethane	10.000	9.446	5.5	94	0.00
4	Rt	Vinyl Chloride	10.000	9.939	0.6	94	0.00
5	T	Bromomethane	10.000	11.198	-12.0	99	0.00
6	T	Chloroethane	10.000	9.468	5.3	93	0.00
7	T	Trichlorofluoromethane	10.000	10.001	-0.0	97	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.385	-3.8	105	0.00
9	Rt	1,1-Dichloroethene	10.000	10.108	-1.1	97	0.00
10	t	Iodomethane	10.000	10.372	-3.7	95	0.00
11	t	Allyl Chloride	10.000	10.258	-2.6	96	0.00
12	t	Acrylonitrile	20.000	21.419	-7.1	90	0.00
13	T	Acetone	50.000	51.212	-2.4	91	0.00
14	T	Carbon Disulfide	10.000	9.851	1.5	95	0.00
15	RT	Methylene Chloride	10.000	10.078	-0.8	97	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.269	-2.7	97	0.00
17	t	1,1-Dichloroethane	10.000	10.133	-1.3	96	0.00
18	T	2-Butanone	50.000	53.920	-7.8	92	0.00
19		Cyclohexane	10.000	11.000	-10.0	99	0.00
20		Methylcyclohexane	10.000	11.488	-14.9	104	0.00
21	T	2,2-Dichloropropane	10.000	10.502	-5.0	100	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.678	-6.8	99	0.00
23	t	Diethyl Ether	10.000	9.774	2.3	92	0.00
24	t	tert-Butyl Alcohol	100.000	97.059	2.9	86	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.626	-6.3	94	0.00
26	t	Bromochloromethane	10.000	10.298	-3.0	96	0.00
27	t	Chloroform	10.000	10.226	-2.3	96	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.367	-3.7	98	0.00
29	T	1,1-Dichloropropene	10.000	10.882	-8.8	100	0.00
30	RT	Carbon Tetrachloride	10.000	10.498	-5.0	99	0.00
31	t	Isopropyl Ether	10.000	10.792	-7.9	97	0.00
32		Ethyl-t-butyl ether	10.000	10.965	-9.6	96	0.00
33		Tert-Amyl methyl ether	10.000	11.169	-11.7	94	0.00
34	t	Propionitrile	50.000	55.852	-11.7	91	0.00
35	RT	Benzene	10.000	10.417	-4.2	97	0.00
36	RT	1,2-Dichloroethane	10.000	10.147	-1.5	95	0.00
37	RT	Trichloroethene	10.000	10.460	-4.6	98	0.00
38	Rt	1,2-Dichloropropane	10.000	10.331	-3.3	95	0.00
39	t	Methacrylonitrile	10.000	11.811	-18.1	91	0.00
40	t	Methyl acrylate	10.000	10.826	-8.3	91	0.00
41	t	Tetrahydrofuran	20.000	20.669	-3.3	88	0.00
42	t	1-Chlorobutane	10.000	10.786	-7.9	98	0.00
43	T	Dibromomethane	10.000	10.154	-1.5	95	0.00
44	T	Bromodichloromethane	10.000	10.646	-6.5	97	0.00
45	T	4-Methyl-2-Pentanone	50.000	55.115	-10.2	89	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	47.833	-139.2#	213	-0.01
47	t	Methyl methacrylate	20.000	22.854	-14.3	91	0.00
48	t	Ethyl methacrylate	10.000	11.777	-17.8	90	0.00
49	Rt	Toluene	10.000	11.073	-10.7	98	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.433	-14.3	97	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.974	-9.7	96	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.409	-4.1	94	0.00
53	t	1,3-Dichloropropane	10.000	10.448	-4.5	94	0.00
54	t	2-Hexanone	50.000	54.661	-9.3	88	0.00
55	t	Dibromochloromethane	10.000	10.851	-8.5	96	0.00
56	T	1,2-Dibromoethane	10.000	10.494	-4.9	92	0.00
57	S	4-Bromofluorobenzene	1.000	1.288	-28.8	111	0.00
58	RT	Tetrachloroethene	10.000	10.612	-6.1	102	0.00
59	Rt	Chlorobenzene	10.000	10.822	-8.2	98	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.720	-7.2	98	0.00
61	t	Pentachloroethane	10.000	10.465	-4.6	97	0.00
62	t	Hexachloroethane	10.000	10.970	-9.7	98	0.00
63	Rt	Ethyl Benzene	10.000	11.412	-14.1	98	0.00
64	RT	m/p-Xylenes	20.000	23.502	-17.5	99	0.00
65	RT	o-Xylene	10.000	11.342	-13.4	97	0.00
66	RT	Styrene	10.000	11.887	-18.9	97	0.00
67	t	Bromoform	10.000	10.863	-8.6	93	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.057	-5.7	99	0.00
69	T	Isopropylbenzene	10.000	11.602	-16.0	99	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.469	-4.7	94	0.00
71	T	1,2,3-Trichloropropane	10.000	10.245	-2.4	104	0.00
72	t	Bromobenzene	10.000	10.881	-8.8	96	0.00
73	t	n-propylbenzene	10.000	12.000	-20.0	100	0.00
74	t	2-Chlorotoluene	10.000	11.545	-15.4	100	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.906	-19.1	99	0.00
76	t	4-Chlorotoluene	10.000	11.511	-15.1	100	0.00
77	t	tert-Butylbenzene	10.000	11.330	-13.3	98	0.00
78	t	1,2,4-Trimethylbenzene	10.000	12.019	-20.2	99	0.00
79	t	sec-Butylbenzene	10.000	11.798	-18.0	101	0.00
80		Nitrobenzene	50.000	47.324	5.4	87	0.00
81	t	p-Isopropyltoluene	10.000	12.067	-20.7	101	0.00
82	t	1,3-Dichlorobenzene	10.000	11.119	-11.2	101	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.131	-11.3	98	0.00
84	t	n-Butylbenzene	10.000	12.498	-25.0	104	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.882	-8.8	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.704	-7.0	85	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	12.188	-21.9	100	0.00
88	t	Hexachlorobutadiene	10.000	11.369	-13.7	113	0.00
89	t	Naphthalene	10.000	9.007	9.9	85	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.635	-16.3	95	0.00

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