Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
Data File : VU063247.D
Acq On : 11 Feb 2025 19:54
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 12 04:35:54 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	92	0.00
2	T	Dichlorodifluoromethane	10.000	9.154	8.5	89	0.00
3	t	Chloromethane	10.000	9.662	3.4	94	0.00
4	Rt	Vinyl Chloride	10.000	9.658	3.4	89	0.00
5	T	Bromomethane	10.000	11.091	-10.9	96	0.00
6	T	Chloroethane	10.000	9.463	5.4	91	0.00
7	T	Trichlorofluoromethane	10.000	9.462	5.4	90	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.125	8.8	90	0.00
9	Rt	1,1-Dichloroethene	10.000	9.671	3.3	91	0.00
10	t	Iodomethane	10.000	10.662	-6.6	96	0.00
11	t	Allyl Chloride	10.000	9.353	6.5	85	0.00
12	t	Acrylonitrile	20.000	21.315	-6.6	88	0.00
13	T	Acetone	50.000	49.099	1.8	86	0.00
14	T	Carbon Disulfide	10.000	9.310	6.9	88	0.00
15	RT	Methylene Chloride	10.000	9.928	0.7	94	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.931	0.7	92	0.00
17	t	1,1-Dichloroethane	10.000	10.080	-0.8	94	0.00
18	T	2-Butanone	50.000	52.377	-4.8	87	0.00
19		Cyclohexane	10.000	9.719	2.8	86	0.00
20		Methylcyclohexane	10.000	9.763	2.4	87	0.00
21	T	2,2-Dichloropropane	10.000	6.782	32.2#	63	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.192	-1.9	93	0.00
23	t	Diethyl Ether	10.000	9.863	1.4	91	0.00
24	t	tert-Butyl Alcohol	100.000	94.304	5.7	82	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.544	-5.4	91	0.00
26	t	Bromochloromethane	10.000	10.294	-2.9	94	0.00
27	t	Chloroform	10.000	9.977	0.2	92	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.923	0.8	92	0.00
29	T	1,1-Dichloropropene	10.000	9.938	0.6	89	0.00
30	RT	Carbon Tetrachloride	10.000	9.768	2.3	91	0.00
31	t	Isopropyl Ether	10.000	10.579	-5.8	93	0.00
32		Ethyl-t-butyl ether	10.000	10.767	-7.7	93	0.00
33		Tert-Amyl methyl ether	10.000	11.062	-10.6	91	0.00
34	t	Propionitrile	50.000	56.867	-13.7	91	0.00
35	RT	Benzene	10.000	10.087	-0.9	92	0.00
36	RT	1,2-Dichloroethane	10.000	10.047	-0.5	92	0.00
37	RT	Trichloroethene	10.000	9.932	0.7	91	0.00
38	Rt	1,2-Dichloropropane	10.000	10.200	-2.0	92	0.00
39	t	Methacrylonitrile	10.000	11.725	-17.2	89	0.00
40	t	Methyl acrylate	10.000	10.662	-6.6	88	0.00
41	t	Tetrahydrofuran	20.000	20.365	-1.8	85	0.00
42	t	1-Chlorobutane	10.000	10.187	-1.9	90	0.00
43	T	Dibromomethane	10.000	10.169	-1.7	93	0.00
44	T	Bromodichloromethane	10.000	10.450	-4.5	93	0.00
45	T	4-Methyl-2-Pentanone	50.000	54.459	-8.9	87	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	19.086	4.6	83	0.00
47	t	Methyl methacrylate	20.000	22.772	-13.9	89	0.00
48	t	Ethyl methacrylate	10.000	11.618	-16.2	87	0.00
49	Rt	Toluene	10.000	10.518	-5.2	91	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	10.082	-0.8	84	0.00
51	T	cis-1,3-Dichloropropene	10.000	9.760	2.4	84	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.535	-5.4	93	0.00
53	t	1,3-Dichloropropane	10.000	10.418	-4.2	92	0.00
54	t	2-Hexanone	50.000	54.686	-9.4	86	0.00
55	t	Dibromochloromethane	10.000	10.523	-5.2	91	0.00
56	T	1,2-Dibromoethane	10.000	10.516	-5.2	91	0.00
57	S	4-Bromofluorobenzene	1.000	1.084	-8.4	91	0.00
58	RT	Tetrachloroethene	10.000	9.909	0.9	93	0.00
59	Rt	Chlorobenzene	10.000	10.395	-3.9	93	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.469	-4.7	94	0.00
61	t	Pentachloroethane	10.000	10.076	-0.8	92	0.00
62	t	Hexachloroethane	10.000	10.099	-1.0	88	0.00
63	Rt	Ethyl Benzene	10.000	10.746	-7.5	90	0.00
64	RT	m/p-Xylenes	20.000	22.131	-10.7	91	0.00
65	RT	o-Xylene	10.000	10.861	-8.6	91	0.00
66	RT	Styrene	10.000	11.446	-14.5	92	0.00
67	t	Bromoform	10.000	10.779	-7.8	91	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.048	-4.8	96	0.00
69	T	Isopropylbenzene	10.000	10.778	-7.8	90	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.272	-2.7	90	0.00
71	T	1,2,3-Trichloropropane	10.000	10.421	-4.2	104	0.00
72	t	Bromobenzene	10.000	10.596	-6.0	92	0.00
73	t	n-propylbenzene	10.000	11.170	-11.7	91	0.00
74	t	2-Chlorotoluene	10.000	10.870	-8.7	92	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.160	-11.6	91	0.00
76	t	4-Chlorotoluene	10.000	11.003	-10.0	94	0.00
77	t	tert-Butylbenzene	10.000	10.595	-6.0	90	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.374	-13.7	92	0.00
79	t	sec-Butylbenzene	10.000	10.734	-7.3	90	0.00
80		Nitrobenzene	50.000	41.694	16.6	74	0.00
81	t	p-Isopropyltoluene	10.000	10.987	-9.9	90	0.00
82	t	1,3-Dichlorobenzene	10.000	10.495	-4.9	93	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.742	-7.4	93	0.00
84	t	n-Butylbenzene	10.000	10.758	-7.6	88	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.581	-5.8	94	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.020	-10.2	86	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.306	-13.1	91	0.00
88	t	Hexachlorobutadiene	10.000	9.192	8.1	90	0.00
89	t	Naphthalene	10.000	8.885	11.2	82	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.316	-13.2	91	0.00

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