Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
Data File : VU063228.D
Acq On : 11 Feb 2025 10:01
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 12 03:08:58 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	102	0.00
2	T	Dichlorodifluoromethane	10.000	8.797	12.0	96	0.00
3	t	Chloromethane	10.000	8.299	17.0	90	0.00
4	Rt	Vinyl Chloride	10.000	8.787	12.1	91	0.00
5	T	Bromomethane	10.000	10.135	-1.3	98	0.00
6	T	Chloroethane	10.000	8.649	13.5	93	0.00
7	T	Trichlorofluoromethane	10.000	8.970	10.3	95	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.165	8.4	101	0.00
9	Rt	1,1-Dichloroethene	10.000	8.906	10.9	93	0.00
10	t	Iodomethane	10.000	9.365	6.3	94	0.00
11	t	Allyl Chloride	10.000	9.171	8.3	93	0.00
12	t	Acrylonitrile	20.000	18.464	7.7	85	0.00
13	T	Acetone	50.000	40.694	18.6	79	0.00
14	T	Carbon Disulfide	10.000	8.748	12.5	92	0.00
15	RT	Methylene Chloride	10.000	8.649	13.5	91	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.030	9.7	93	0.00
17	t	1,1-Dichloroethane	10.000	8.881	11.2	92	0.00
18	T	2-Butanone	50.000	44.800	10.4	83	0.00
19		Cyclohexane	10.000	9.729	2.7	96	0.00
20		Methylcyclohexane	10.000	10.295	-2.9	102	0.00
21	T	2,2-Dichloropropane	10.000	9.260	7.4	96	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.085	9.1	92	0.00
23	t	Diethyl Ether	10.000	8.373	16.3	86	0.00
24	t	tert-Butyl Alcohol	100.000	72.937	27.1	72	0.03
25	t	Methyl tert-Butyl Ether	10.000	9.249	7.5	89	0.00
26	t	Bromochloromethane	10.000	8.902	11.0	91	0.00
27	t	Chloroform	10.000	8.862	11.4	91	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.130	8.7	94	0.00
29	T	1,1-Dichloropropene	10.000	9.411	5.9	94	0.00
30	RT	Carbon Tetrachloride	10.000	9.115	8.8	94	0.00
31	t	Isopropyl Ether	10.000	9.541	4.6	93	0.00
32		Ethyl-t-butyl ether	10.000	9.678	3.2	93	0.00
33		Tert-Amyl methyl ether	10.000	9.728	2.7	89	0.00
34	t	Propionitrile	50.000	48.994	2.0	87	0.02
35	RT	Benzene	10.000	9.098	9.0	93	0.00
36	RT	1,2-Dichloroethane	10.000	8.666	13.3	88	0.00
37	RT	Trichloroethene	10.000	9.111	8.9	93	0.00
38	Rt	1,2-Dichloropropane	10.000	9.086	9.1	91	0.00
39	t	Methacrylonitrile	10.000	9.847	1.5	83	0.00
40	t	Methyl acrylate	10.000	8.442	15.6	77	0.00
41	t	Tetrahydrofuran	20.000	17.753	11.2	82	0.00
42	t	1-Chlorobutane	10.000	9.582	4.2	95	0.00
43	T	Dibromomethane	10.000	8.867	11.3	91	0.00
44	T	Bromodichloromethane	10.000	9.138	8.6	90	0.00
45	T	4-Methyl-2-Pentanone	50.000	47.438	5.1	84	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	21.994	-10.0	107	0.00
47	t	Methyl methacrylate	20.000	19.623	1.9	85	0.00
48	t	Ethyl methacrylate	10.000	10.321	-3.2	86	0.00
49	Rt	Toluene	10.000	9.675	3.2	94	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	9.811	1.9	91	0.00
51	T	cis-1,3-Dichloropropene	10.000	9.338	6.6	89	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.154	8.5	90	0.00
53	t	1,3-Dichloropropane	10.000	9.097	9.0	89	0.00
54	t	2-Hexanone	50.000	47.697	4.6	84	0.00
55	t	Dibromochloromethane	10.000	9.169	8.3	88	0.00
56	T	1,2-Dibromoethane	10.000	9.223	7.8	88	0.00
57	S	4-Bromofluorobenzene	1.000	1.070	-7.0	101	0.00
58	RT	Tetrachloroethene	10.000	9.361	6.4	98	0.00
59	Rt	Chlorobenzene	10.000	9.514	4.9	94	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.206	7.9	92	0.00
61	t	Pentachloroethane	10.000	8.865	11.3	90	0.00
62	t	Hexachloroethane	10.000	9.352	6.5	91	0.00
63	Rt	Ethyl Benzene	10.000	10.017	-0.2	94	0.00
64	RT	m/p-Xylenes	20.000	20.468	-2.3	94	0.00
65	RT	o-Xylene	10.000	10.007	-0.1	93	0.00
66	RT	Styrene	10.000	10.231	-2.3	91	0.00
67	t	Bromoform	10.000	9.096	9.0	85	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.990	1.0	101	0.00
69	T	Isopropylbenzene	10.000	10.176	-1.8	95	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	8.820	11.8	86	0.00
71	T	1,2,3-Trichloropropane	10.000	9.485	5.2	106	0.00
72	t	Bromobenzene	10.000	9.459	5.4	91	0.00
73	t	n-propylbenzene	10.000	10.396	-4.0	95	0.00
74	t	2-Chlorotoluene	10.000	9.909	0.9	93	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.250	-2.5	93	0.00
76	t	4-Chlorotoluene	10.000	10.034	-0.3	95	0.00
77	t	tert-Butylbenzene	10.000	9.891	1.1	93	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.413	-4.1	93	0.00
79	t	sec-Butylbenzene	10.000	10.269	-2.7	96	0.00
80		Nitrobenzene	50.000	39.429	21.1	77	0.00
81	t	p-Isopropyltoluene	10.000	10.569	-5.7	96	0.00
82	t	1,3-Dichlorobenzene	10.000	9.407	5.9	93	0.00
83	Rt	1,4-Dichlorobenzene	10.000	9.626	3.7	92	0.00
84	t	n-Butylbenzene	10.000	11.060	-10.6	101	0.00
85	Rt	1,2-Dichlorobenzene	10.000	9.305	7.0	92	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.357	6.4	81	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.965	-9.6	98	0.00
88	t	Hexachlorobutadiene	10.000	9.651	3.5	105	0.00
89	t	Naphthalene	10.000	8.899	11.0	92	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.565	-5.6	94	0.00

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