Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
Data File : VU063260.D
Acq On : 12 Feb 2025 18:23
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 13 03:16:31 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	94	0.00
2	T	Dichlorodifluoromethane	10.000	9.617	3.8	96	0.00
3	t	Chloromethane	10.000	9.451	5.5	94	0.00
4	Rt	Vinyl Chloride	10.000	9.712	2.9	92	0.00
5	T	Bromomethane	10.000	11.124	-11.2	99	0.00
6	T	Chloroethane	10.000	9.371	6.3	92	0.00
7	T	Trichlorofluoromethane	10.000	9.877	1.2	96	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.023	-0.2	101	0.00
9	Rt	1,1-Dichloroethene	10.000	9.986	0.1	96	0.00
10	t	Iodomethane	10.000	10.545	-5.4	97	0.00
11	t	Allyl Chloride	10.000	9.822	1.8	92	0.00
12	t	Acrylonitrile	20.000	20.842	-4.2	88	0.00
13	T	Acetone	50.000	46.334	7.3	83	0.00
14	T	Carbon Disulfide	10.000	9.599	4.0	93	0.00
15	RT	Methylene Chloride	10.000	9.805	2.0	95	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.116	-1.2	96	0.00
17	t	1,1-Dichloroethane	10.000	9.992	0.1	95	0.00
18	T	2-Butanone	50.000	51.152	-2.3	87	0.00
19		Cyclohexane	10.000	10.322	-3.2	94	0.00
20		Methylcyclohexane	10.000	10.833	-8.3	99	0.00
21	T	2,2-Dichloropropane	10.000	9.792	2.1	94	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.563	-5.6	98	0.00
23	t	Diethyl Ether	10.000	9.670	3.3	91	0.00
24	t	tert-Butyl Alcohol	100.000	88.132	11.9	79	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.311	-3.1	91	0.00
26	t	Bromochloromethane	10.000	10.143	-1.4	95	0.00
27	t	Chloroform	10.000	10.146	-1.5	96	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.217	-2.2	97	0.00
29	T	1,1-Dichloropropene	10.000	10.496	-5.0	97	0.00
30	RT	Carbon Tetrachloride	10.000	10.280	-2.8	98	0.00
31	t	Isopropyl Ether	10.000	10.349	-3.5	93	0.00
32		Ethyl-t-butyl ether	10.000	10.559	-5.6	93	0.00
33		Tert-Amyl methyl ether	10.000	10.774	-7.7	91	0.00
34	t	Propionitrile	50.000	54.775	-9.5	90	0.00
35	RT	Benzene	10.000	10.279	-2.8	96	0.00
36	RT	1,2-Dichloroethane	10.000	10.007	-0.1	94	0.00
37	RT	Trichloroethene	10.000	10.120	-1.2	95	0.00
38	Rt	1,2-Dichloropropane	10.000	10.246	-2.5	95	0.00
39	t	Methacrylonitrile	10.000	10.977	-9.8	85	0.00
40	t	Methyl acrylate	10.000	10.162	-1.6	85	0.00
41	t	Tetrahydrofuran	20.000	20.058	-0.3	86	0.00
42	t	1-Chlorobutane	10.000	10.494	-4.9	95	0.00
43	T	Dibromomethane	10.000	10.119	-1.2	95	0.00
44	T	Bromodichloromethane	10.000	10.385	-3.8	95	0.00
45	T	4-Methyl-2-Pentanone	50.000	53.285	-6.6	87	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	21.228	-6.1	95	0.00
47	t	Methyl methacrylate	20.000	22.107	-10.5	88	0.00
48	t	Ethyl methacrylate	10.000	11.512	-15.1	89	0.00
49	Rt	Toluene	10.000	10.849	-8.5	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.904	-9.0	93	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.480	-4.8	92	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.506	-5.1	95	0.00
53	t	1,3-Dichloropropane	10.000	10.388	-3.9	94	0.00
54	t	2-Hexanone	50.000	52.772	-5.5	85	0.00
55	t	Dibromochloromethane	10.000	10.667	-6.7	95	0.00
56	T	1,2-Dibromoethane	10.000	10.320	-3.2	91	0.00
57	S	4-Bromofluorobenzene	1.000	1.077	-7.7	93	0.00
58	RT	Tetrachloroethene	10.000	10.442	-4.4	101	0.00
59	Rt	Chlorobenzene	10.000	10.762	-7.6	98	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.659	-6.6	98	0.00
61	t	Pentachloroethane	10.000	10.508	-5.1	98	0.00
62	t	Hexachloroethane	10.000	10.934	-9.3	98	0.00
63	Rt	Ethyl Benzene	10.000	11.253	-12.5	97	0.00
64	RT	m/p-Xylenes	20.000	23.171	-15.9	97	0.00
65	RT	o-Xylene	10.000	11.272	-12.7	97	0.00
66	RT	Styrene	10.000	11.837	-18.4	97	0.00
67	t	Bromoform	10.000	10.773	-7.7	93	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.064	-6.4	100	0.00
69	T	Isopropylbenzene	10.000	11.377	-13.8	97	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.996	0.0	90	0.00
71	T	1,2,3-Trichloropropane	10.000	9.232	7.7	94	0.00
72	t	Bromobenzene	10.000	11.048	-10.5	98	0.00
73	t	n-propylbenzene	10.000	11.930	-19.3	100	0.00
74	t	2-Chlorotoluene	10.000	11.491	-14.9	100	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.667	-16.7	98	0.00
76	t	4-Chlorotoluene	10.000	11.344	-13.4	99	0.00
77	t	tert-Butylbenzene	10.000	11.242	-12.4	98	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.902	-19.0	98	0.00
79	t	sec-Butylbenzene	10.000	11.699	-17.0	100	0.00
80		Nitrobenzene	50.000	44.846	10.3	82	0.00
81	t	p-Isopropyltoluene	10.000	11.914	-19.1	100	0.00
82	t	1,3-Dichlorobenzene	10.000	10.982	-9.8	100	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.130	-11.3	98	0.00
84	t	n-Butylbenzene	10.000	12.008	-20.1	101	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.816	-8.2	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.516	-5.2	84	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.807	-18.1	97	0.00
88	t	Hexachlorobutadiene	10.000	10.899	-9.0	109	0.00
89	t	Naphthalene	10.000	9.047	9.5	86	0.00
90	t	1,2,3-Trichlorobenzene	10.000	12.153	-21.5	100	0.00

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