Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021325\
Data File : VU063267.D
Acq On : 13 Feb 2025 18:44
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 14 04:46:25 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	90	0.00
2	T	Dichlorodifluoromethane	10.000	9.523	4.8	91	0.00
3	t	Chloromethane	10.000	9.705	2.9	92	0.00
4	Rt	Vinyl Chloride	10.000	10.131	-1.3	92	0.00
5	T	Bromomethane	10.000	11.348	-13.5	96	0.00
6	T	Chloroethane	10.000	9.396	6.0	88	0.00
7	T	Trichlorofluoromethane	10.000	10.023	-0.2	93	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.107	-1.1	98	0.00
9	Rt	1,1-Dichloroethene	10.000	10.040	-0.4	92	0.00
10	t	Iodomethane	10.000	10.012	-0.1	88	0.00
11	t	Allyl Chloride	10.000	10.103	-1.0	90	0.00
12	t	Acrylonitrile	20.000	22.274	-11.4	90	0.00
13	T	Acetone	50.000	49.387	1.2	84	0.00
14	T	Carbon Disulfide	10.000	9.453	5.5	87	0.00
15	RT	Methylene Chloride	10.000	10.132	-1.3	94	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.201	-2.0	92	0.00
17	t	1,1-Dichloroethane	10.000	10.336	-3.4	94	0.00
18	T	2-Butanone	50.000	53.564	-7.1	87	0.00
19		Cyclohexane	10.000	10.442	-4.4	90	0.00
20		Methylcyclohexane	10.000	11.027	-10.3	96	0.00
21	T	2,2-Dichloropropane	10.000	10.120	-1.2	92	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.678	-6.8	95	0.00
23	t	Diethyl Ether	10.000	10.051	-0.5	91	0.00
24	t	tert-Butyl Alcohol	100.000	100.306	-0.3	85	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.864	-8.6	92	0.00
26	t	Bromochloromethane	10.000	10.460	-4.6	94	0.00
27	t	Chloroform	10.000	10.358	-3.6	94	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.415	-4.1	94	0.00
29	T	1,1-Dichloropropene	10.000	10.541	-5.4	93	0.00
30	RT	Carbon Tetrachloride	10.000	10.415	-4.1	95	0.00
31	t	Isopropyl Ether	10.000	10.799	-8.0	93	0.00
32		Ethyl-t-butyl ether	10.000	11.086	-10.9	93	0.00
33		Tert-Amyl methyl ether	10.000	11.336	-13.4	91	0.00
34	t	Propionitrile	50.000	56.997	-14.0	89	0.00
35	RT	Benzene	10.000	10.427	-4.3	93	0.00
36	RT	1,2-Dichloroethane	10.000	10.335	-3.4	92	0.00
37	RT	Trichloroethene	10.000	10.401	-4.0	94	0.00
38	Rt	1,2-Dichloropropane	10.000	10.564	-5.6	93	0.00
39	t	Methacrylonitrile	10.000	11.795	-17.9	87	0.00
40	t	Methyl acrylate	10.000	11.006	-10.1	88	0.00
41	t	Tetrahydrofuran	20.000	21.230	-6.2	86	0.00
42	t	1-Chlorobutane	10.000	10.686	-6.9	93	0.00
43	T	Dibromomethane	10.000	10.566	-5.7	95	0.00
44	T	Bromodichloromethane	10.000	10.785	-7.9	94	0.00
45	T	4-Methyl-2-Pentanone	50.000	55.818	-11.6	87	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	19.890	0.5	85	0.00
47	t	Methyl methacrylate	20.000	23.405	-17.0	89	0.00
48	t	Ethyl methacrylate	10.000	12.100	-21.0	89	0.00
49	Rt	Toluene	10.000	11.053	-10.5	94	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.338	-13.4	92	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.090	-10.9	93	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.929	-9.3	94	0.00
53	t	1,3-Dichloropropane	10.000	10.837	-8.4	93	0.00
54	t	2-Hexanone	50.000	56.106	-12.2	86	0.00
55	t	Dibromochloromethane	10.000	10.987	-9.9	93	0.00
56	T	1,2-Dibromoethane	10.000	10.927	-9.3	92	0.00
57	S	4-Bromofluorobenzene	1.000	1.080	-8.0	89	0.00
58	RT	Tetrachloroethene	10.000	10.374	-3.7	96	0.00
59	Rt	Chlorobenzene	10.000	10.941	-9.4	95	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.756	-7.6	94	0.00
61	t	Pentachloroethane	10.000	10.687	-6.9	95	0.00
62	t	Hexachloroethane	10.000	11.242	-12.4	96	0.00
63	Rt	Ethyl Benzene	10.000	11.392	-13.9	94	0.00
64	RT	m/p-Xylenes	20.000	23.207	-16.0	93	0.00
65	RT	o-Xylene	10.000	11.425	-14.3	94	0.00
66	RT	Styrene	10.000	12.146	-21.5	95	0.00
67	t	Bromoform	10.000	11.027	-10.3	91	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.049	-4.9	94	0.00
69	T	Isopropylbenzene	10.000	11.524	-15.2	94	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.738	-7.4	92	0.00
71	T	1,2,3-Trichloropropane	10.000	10.872	-8.7	106	0.00
72	t	Bromobenzene	10.000	11.233	-12.3	95	0.00
73	t	n-propylbenzene	10.000	12.192	-21.9	98	0.00
74	t	2-Chlorotoluene	10.000	11.554	-15.5	96	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.944	-19.4	95	0.00
76	t	4-Chlorotoluene	10.000	11.572	-15.7	96	0.00
77	t	tert-Butylbenzene	10.000	11.404	-14.0	95	0.00
78	t	1,2,4-Trimethylbenzene	10.000	12.098	-21.0	95	0.00
79	t	sec-Butylbenzene	10.000	11.718	-17.2	96	0.00
80		Nitrobenzene	50.000	47.167	5.7	83	0.00
81	t	p-Isopropyltoluene	10.000	12.177	-21.8	97	0.00
82	t	1,3-Dichlorobenzene	10.000	11.160	-11.6	97	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.815	-18.1	99	0.00
84	t	n-Butylbenzene	10.000	12.475	-24.7	100	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.480	-14.8	99	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.639	-16.4	89	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	13.840	-38.4#	109	0.00
88	t	Hexachlorobutadiene	10.000	11.149	-11.5	106	0.00
89	t	Naphthalene	10.000	10.105	-1.1	92	0.00
90	t	1,2,3-Trichlorobenzene	10.000	12.768	-27.7	100	0.00

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