Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
Data File : VU063227.D
Acq On : 11 Feb 2025 08:50
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Quant Time: Feb 12 03:08:06 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	98	0.00
2	T	Dichlorodifluoromethane	10.000	6.184	38.2#	64	0.00
3	t	Chloromethane	10.000	6.937	30.6#	72	0.00
4	Rt	Vinyl Chloride	10.000	7.705	22.9	76	0.00
5	T	Bromomethane	10.000	9.317	6.8	86	0.00
6	T	Chloroethane	10.000	8.021	19.8	82	0.00
7	T	Trichlorofluoromethane	10.000	8.470	15.3	86	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.685	3.1	102	0.00
9	Rt	1,1-Dichloroethene	10.000	9.488	5.1	95	0.00
10	t	Iodomethane	10.000	9.176	8.2	88	0.00
11	t	Allyl Chloride	10.000	10.019	-0.2	98	0.00
12	t	Acrylonitrile	20.000	48.397	-142.0#	213	0.00
13	T	Acetone	50.000	46.402	7.2	86	0.00
14	T	Carbon Disulfide	10.000	8.041	19.6	81	0.00
15	RT	Methylene Chloride	10.000	8.848	11.5	89	0.00
16	RT	trans-1,2-Dichloroethene	10.000	8.852	11.5	87	0.00
17	t	1,1-Dichloroethane	10.000	9.156	8.4	91	0.00
18	T	2-Butanone	50.000	46.124	7.8	82	0.00
19		Cyclohexane	10.000	9.443	5.6	89	0.00
20		Methylcyclohexane	10.000	10.164	-1.6	96	0.00
21	T	2,2-Dichloropropane	10.000	9.526	4.7	95	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.968	0.3	97	0.00
23	t	Diethyl Ether	10.000	8.360	16.4	82	0.00
24	t	tert-Butyl Alcohol	100.000	31.908	68.1#	33	0.04
25	t	Methyl tert-Butyl Ether	10.000	9.657	3.4	89	0.00
26	t	Bromochloromethane	10.000	9.544	4.6	93	0.00
27	t	Chloroform	10.000	9.296	7.0	92	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.483	5.2	94	0.00
29	T	1,1-Dichloropropene	10.000	8.717	12.8	84	0.00
30	RT	Carbon Tetrachloride	10.000	9.311	6.9	92	0.00
31	t	Isopropyl Ether	10.000	10.534	-5.3	99	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.48#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.93#
34	t	Propionitrile	50.000	100.030	-100.1#	171	0.00
35	RT	Benzene	10.000	9.305	7.0	91	0.00
36	RT	1,2-Dichloroethane	10.000	8.506	14.9	83	0.00
37	RT	Trichloroethene	10.000	8.871	11.3	87	0.00
38	Rt	1,2-Dichloropropane	10.000	8.794	12.1	85	0.00
39	t	Methacrylonitrile	10.000	10.277	-2.8	83	0.00
40	t	Methyl acrylate	10.000	9.798	2.0	86	0.00
41	t	Tetrahydrofuran	20.000	46.529	-132.6#	207	0.00
42	t	1-Chlorobutane	10.000	9.720	2.8	92	0.00
43	T	Dibromomethane	10.000	9.055	9.5	89	0.00
44	T	Bromodichloromethane	10.000	10.047	-0.5	95	0.00
45	T	4-Methyl-2-Pentanone	50.000	48.787	2.4	83	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	10.896	45.5#	51	0.00
47	t	Methyl methacrylate	20.000	9.683	51.6#	40	0.00
48	t	Ethyl methacrylate	10.000	10.355	-3.6	83	0.00
49	Rt	Toluene	10.000	9.872	1.3	92	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	9.703	3.0	86	0.00
51	T	cis-1,3-Dichloropropene	10.000	9.319	6.8	85	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.082	9.2	86	0.00
53	t	1,3-Dichloropropane	10.000	8.908	10.9	84	0.00
54	t	2-Hexanone	50.000	48.325	3.3	81	0.00
55	t	Dibromochloromethane	10.000	9.564	4.4	88	0.00
56	T	1,2-Dibromoethane	10.000	9.020	9.8	83	0.00
57	S	4-Bromofluorobenzene	1.000	1.354	-35.4#	122	0.00
58	RT	Tetrachloroethene	10.000	9.644	3.6	97	0.00
59	Rt	Chlorobenzene	10.000	9.767	2.3	93	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.150	8.5	87	0.00
61	t	Pentachloroethane	10.000	9.395	6.1	91	0.00
62	t	Hexachloroethane	10.000	9.808	1.9	92	0.00
63	Rt	Ethyl Benzene	10.000	10.366	-3.7	93	0.00
64	RT	m/p-Xylenes	20.000	21.178	-5.9	93	0.00
65	RT	o-Xylene	10.000	10.384	-3.8	93	0.00
66	RT	Styrene	10.000	10.830	-8.3	92	0.00
67	t	Bromoform	10.000	9.606	3.9	86	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.953	4.7	93	0.00
69	T	Isopropylbenzene	10.000	11.767	-17.7	105	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	8.545	14.6	80	0.00
71	T	1,2,3-Trichloropropane	10.000	8.443	15.6	90	0.00
72	t	Bromobenzene	10.000	9.945	0.5	92	0.00
73	t	n-propylbenzene	10.000	10.744	-7.4	94	0.00
74	t	2-Chlorotoluene	10.000	10.454	-4.5	94	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.853	-8.5	95	0.00
76	t	4-Chlorotoluene	10.000	10.373	-3.7	94	0.00
77	t	tert-Butylbenzene	10.000	10.355	-3.6	94	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.746	-7.5	92	0.00
79	t	sec-Butylbenzene	10.000	10.867	-8.7	97	0.00
80		Nitrobenzene	50.000	10.731	78.5#	14	0.00
81	t	p-Isopropyltoluene	10.000	11.076	-10.8	96	0.00
82	t	1,3-Dichlorobenzene	10.000	10.004	-0.0	95	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.142	-1.4	93	0.00
84	t	n-Butylbenzene	10.000	11.497	-15.0	100	0.00
85	Rt	1,2-Dichlorobenzene	10.000	9.718	2.8	92	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	8.936	10.6	75	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	12.045	-20.4	104	0.00
88	t	Hexachlorobutadiene	10.000	9.862	1.4	103	0.00
89	t	Naphthalene	10.000	8.568	14.3	84	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.466	-4.7	90	0.00

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