Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062325\
Data File : VU063428.D
Acq On : 23 Jun 2025 17:06
Operator : MD/SY
Sample : VSTDICV010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

Quant Time: Jun 24 05:15:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jun 24 05:06:50 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	103	0.00
2	T	Dichlorodifluoromethane	10.000	6.715	32.9#	68	0.00
3	t	Chloromethane	10.000	7.901	21.0	85	0.00
4	Rt	Vinyl Chloride	10.000	7.739	22.6	78	0.00
5	T	Bromomethane	10.000	8.107	18.9	87	0.00
6	T	Chloroethane	10.000	7.500	25.0	76	0.00
7	T	Trichlorofluoromethane	10.000	8.663	13.4	88	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.419	5.8	96	0.00
9	Rt	1,1-Dichloroethene	10.000	9.980	0.2	101	0.00
10	t	Iodomethane	10.000	12.484	-24.8	111	0.00
11	t	Allyl Chloride	10.000	9.992	0.1	101	0.00
12	t	Acrylonitrile	20.000	53.073	-165.4#	275	0.00
13	T	Acetone	50.000	36.130	27.7	75	0.00
14	T	Carbon Disulfide	10.000	9.898	1.0	101	0.00
15	RT	Methylene Chloride	10.000	8.959	10.4	94	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.251	-2.5	105	0.00
17	t	1,1-Dichloroethane	10.000	10.430	-4.3	106	0.00
18	T	2-Butanone	50.000	46.022	8.0	95	0.00
19		Cyclohexane	10.000	10.860	-8.6	109	0.00
20		Methylcyclohexane	10.000	11.686	-16.9	105	0.00
21	T	2,2-Dichloropropane	10.000	10.051	-0.5	104	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.853	-8.5	113	0.00
23	t	Diethyl Ether	10.000	8.222	17.8	82	0.00
24	t	tert-Butyl Alcohol	100.000	45.896	54.1#	45	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.755	-7.6	107	0.00
26	t	Bromochloromethane	10.000	10.416	-4.2	106	0.00
27	t	Chloroform	10.000	10.619	-6.2	109	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.602	-6.0	104	0.00
29	T	1,1-Dichloropropene	10.000	10.004	-0.0	99	0.00
30	RT	Carbon Tetrachloride	10.000	10.815	-8.1	105	0.00
31	t	Isopropyl Ether	10.000	10.692	-6.9	107	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.50#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.94#
34	t	Propionitrile	50.000	101.506	-103.0#	220	0.00
35	RT	Benzene	10.000	10.784	-7.8	105	0.00
36	RT	1,2-Dichloroethane	10.000	9.701	3.0	96	0.00
37	RT	Trichloroethene	10.000	9.923	0.8	98	0.00
38	Rt	1,2-Dichloropropane	10.000	10.383	-3.8	100	0.00
39	t	Methacrylonitrile	10.000	8.371	16.3	86	0.00
40	t	Methyl acrylate	10.000	10.805	-8.0	98	0.00
41	t	Tetrahydrofuran	20.000	42.681	-113.4#	230	0.00
42	t	1-Chlorobutane	10.000	10.403	-4.0	103	0.00
43	T	Dibromomethane	10.000	10.351	-3.5	103	0.00
44	T	Bromodichloromethane	10.000	10.803	-8.0	108	0.00
45	T	4-Methyl-2-Pentanone	50.000	55.253	-10.5	100	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	11.012	44.9#	59	0.00
47	t	Methyl methacrylate	20.000	9.804	51.0#	48	0.00
48	t	Ethyl methacrylate	10.000	10.000	0.0	103	0.00
49	Rt	Toluene	10.000	11.797	-18.0	106	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.863	-18.6	106	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.290	-12.9	103	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.874	1.3	98	0.00
53	t	1,3-Dichloropropane	10.000	10.175	-1.8	99	0.00
54	t	2-Hexanone	50.000	47.244	5.5	98	0.00
55	t	Dibromochloromethane	10.000	11.013	-10.1	106	0.00
56	T	1,2-Dibromoethane	10.000	10.159	-1.6	102	0.00
57	S	4-Bromofluorobenzene	1.000	1.095	-9.5	98	0.00
58	RT	Tetrachloroethene	10.000	10.482	-4.8	101	0.00
59	Rt	Chlorobenzene	10.000	11.414	-14.1	108	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.976	0.2	98	0.00
61	t	Pentachloroethane	10.000	10.467	-4.7	107	0.00
62	t	Hexachloroethane	10.000	10.828	-8.3	106	0.00
63	Rt	Ethyl Benzene	10.000	12.408	-24.1	108	0.00
64	RT	m/p-Xylenes	20.000	21.238	-6.2	109	0.00
65	RT	o-Xylene	10.000	12.240	-22.4	108	0.00
66	RT	Styrene	10.000	10.412	-4.1	107	0.00
67	t	Bromoform	10.000	10.701	-7.0	103	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.972	2.8	93	0.00
69	T	Isopropylbenzene	10.000	13.991	-39.9#	122	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.680	3.2	97	0.00
71	T	1,2,3-Trichloropropane	10.000	8.495	15.1	95	0.00
72	t	Bromobenzene	10.000	11.207	-12.1	105	0.00
73	t	n-propylbenzene	10.000	10.430	-4.3	108	0.00
74	t	2-Chlorotoluene	10.000	11.949	-19.5	107	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.587	-5.9	108	0.00
76	t	4-Chlorotoluene	10.000	12.465	-24.6	113	0.00
77	t	tert-Butylbenzene	10.000	11.997	-20.0	106	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.383	-3.8	107	0.00
79	t	sec-Butylbenzene	10.000	12.220	-22.2	107	0.00
80		Nitrobenzene	50.000	10.734	78.5#	21	0.00
81	t	p-Isopropyltoluene	10.000	10.473	-4.7	108	0.00
82	t	1,3-Dichlorobenzene	10.000	11.397	-14.0	109	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.345	-13.5	109	0.00
84	t	n-Butylbenzene	10.000	12.351	-23.5	108	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.216	-12.2	106	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.426	-4.3	97	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	12.757	-27.6	118	0.00
88	t	Hexachlorobutadiene	10.000	10.514	-5.1	102	0.00
89	t	Naphthalene	10.000	10.410	-4.1	112	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.438	-14.4	105	0.00

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