Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102325\
Data File : VT019170.D
Acq On : 23 Oct 2025 14:16
Operator : SY/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_T
LabSampleId :
VSTDCCC020

Quant Time: Oct 24 06:43:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 24 06:37:52 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	105	-0.01
2	M	Dichlorodifluoromethane	20.000	23.563	-17.8	129	0.00
3	M	Chloromethane	20.000	20.262	-1.3	110	0.00
4	M	Vinyl Chloride	20.000	21.195	-6.0	127	0.00
5	M	Bromomethane	20.000	19.349	3.3	107	0.01
6	M	Chloroethane	20.000	18.721	6.4	107	0.01
7	M	Trichlorofluoromethane	20.000	21.023	-5.1	125	0.00
8	T	Diethyl Ether	20.000	17.790	11.1	104	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	25.304	-26.5#	127	0.00
10	M	1,1-Dichloroethene	20.000	23.542	-17.7	115	-0.01
11		Methyl Iodide	20.000	21.167	-5.8	117	0.00
12		Methyl Acetate	20.000	19.466	2.7	106	-0.01
13	M	Acrolein	100.000	102.409	-2.4	93	-0.02
14	M	Acrylonitrile	100.000	93.456	6.5	106	-0.02
15	M	Acetone	100.000	95.505	4.5	106	-0.01
16	M	Carbon Disulfide	20.000	22.191	-11.0	125	0.00
17		Allyl chloride	20.000	21.092	-5.5	126	-0.01
18	M	Methylene Chloride	20.000	19.067	4.7	108	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.681	-3.4	116	-0.01
20	T	Diisopropyl ether	20.000	19.781	1.1	114	-0.01
21	M	1,1-Dichloroethane	20.000	20.209	-1.0	115	-0.02
22	M	cis-1,2-Dichloroethene	20.000	20.681	-3.4	116	-0.01
23	M	tert-Butyl Alcohol	100.000	93.371	6.6	106	-0.02
24	M	Methyl tert-Butyl Ether	20.000	19.173	4.1	108	-0.02
25	M	Chloroform	20.000	20.664	-3.3	119	-0.01
26		Cyclohexane	20.000	23.311	-16.6	131	-0.01
27	s	1,2-Dichloroethane-d4	30.000	30.471	-1.6	107	-0.02
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	105	-0.01
29		1,1-Dichloropropene	20.000	22.788	-13.9	129	-0.01
30	M	2-Butanone	100.000	91.045	9.0	106	-0.01
31		2,2-Dichloropropane	20.000	21.885	-9.4	124	0.00
32	M	1,1,1-Trichloroethane	20.000	22.147	-10.7	127	-0.02
33	M	Carbon Tetrachloride	20.000	23.441	-17.2	131	-0.02
34	M	Benzene	20.000	20.813	-4.1	119	-0.02
35		Methacrylonitrile	20.000	19.987	0.1	105	-0.01
36	M	1,2-Dichloroethane	20.000	19.495	2.5	110	-0.01
37	M	Trichloroethene	20.000	21.612	-8.1	124	-0.01
38		Methylcyclohexane	20.000	24.755	-23.8	139	-0.02
39	M	1,2-Dichloropropane	20.000	20.117	-0.6	114	-0.01
40		Dibromomethane	20.000	19.183	4.1	113	-0.02
41	M	Bromodichloromethane	20.000	19.860	0.7	111	-0.02
42	M	Vinyl Acetate	100.000	98.211	1.8	112	-0.02
43		Ethyl Acetate	20.000	19.948	0.3	114	-0.02
44		Isopropyl Acetate	20.000	19.082	4.6	109	-0.02
45	T	1,4-Dioxane	400.000	398.279	0.4	104	-0.02
46		Methyl methacrylate	20.000	19.074	4.6	109	-0.01
47		n-amyl Acetate	20.000	19.862	0.7	112	-0.01
48	M	t-1,3-Dichloropropene	20.000	20.578	-2.9	116	-0.01

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	20.387	-1.9	117	-0.02
50	M	1,1,2-Trichloroethane	20.000	19.577	2.1	111	-0.01
51		Ethyl methacrylate	20.000	20.214	-1.1	112	-0.01
52		1,3-Dichloropropane	20.000	19.662	1.7	111	-0.02
53	M	Dibromochloromethane	20.000	20.425	-2.1	115	-0.01
54	M	1,2-Dibromoethane	20.000	19.686	1.6	112	-0.01
55	M	2-Chloroethyl vinyl ether	100.000	93.062	6.9	120	-0.01
56	M	Bromoform	20.000	20.809	-4.0	116	-0.02
57	I	Chlorobenzene-d5	30.000	30.000	0.0	103	-0.01
58	M	4-Methyl-2-Pentanone	100.000	91.851	8.1	106	-0.02
59	M	2-Hexanone	100.000	91.851	8.1	106	-0.02
60	S	4-Bromofluorobenzene	30.000	29.686	1.0	105	-0.01
61	M	Tetrachloroethene	20.000	22.755	-13.8	128	-0.01
62	M	Toluene	20.000	20.767	-3.8	117	-0.02
63	S	Toluene-d8	30.000	29.715	1.0	102	-0.01
64	M	Chlorobenzene	20.000	20.859	-4.3	119	-0.01
65		1,1,1,2-Tetrachloroethane	20.000	20.582	-2.9	115	-0.01
66	M	Ethyl Benzene	20.000	21.259	-6.3	121	-0.02
67	M	m/p-Xylenes	40.000	42.832	-7.1	122	-0.01
68	M	o-Xylene	20.000	21.059	-5.3	123	-0.02
69	M	Styrene	20.000	20.498	-2.5	117	-0.02
70		Isopropylbenzene	20.000	22.401	-12.0	127	-0.01
71	M	1,1,2,2-Tetrachloroethane	20.000	19.834	0.8	111	-0.01
72		1,2,3-Trichloropropane	20.000	21.802	-9.0	118	-0.01
73		Bromobenzene	20.000	20.942	-4.7	120	-0.02
74		n-propylbenzene	20.000	22.746	-13.7	129	-0.01
75		2-Chlorotoluene	20.000	21.183	-5.9	120	-0.02
76		1,3,5-Trimethylbenzene	20.000	22.387	-11.9	128	-0.01
77		t-1,4-Dichloro-2-butene	20.000	19.713	1.4	109	-0.01
78		4-Chlorotoluene	20.000	21.207	-6.0	120	-0.01
79		tert-butylbenzene	20.000	22.738	-13.7	123	-0.01
80		1,2,4-Trimethylbenzene	20.000	21.798	-9.0	122	-0.01
81		sec-Butylbenzene	20.000	23.616	-18.1	132	-0.02
82		p-Isopropyltoluene	20.000	23.259	-16.3	131	-0.02
83	M	1,3-Dichlorobenzene	20.000	20.847	-4.2	118	-0.01
84	M	1,4-Dichlorobenzene	20.000	21.219	-6.1	120	-0.01
85		n-Butylbenzene	20.000	23.834	-19.2	133	-0.02
86	T	Hexachloroethane	20.000	24.919	-24.6	137	-0.02
87	M	1,2-Dichlorobenzene	20.000	20.953	-4.8	117	-0.02
88		1,2-Dibromo-3-Chloropropane	20.000	19.970	0.2	112	-0.01
89		1,2,4-Trichlorobenzene	20.000	21.704	-8.5	123	-0.02
90		Hexachlorobutadiene	20.000	26.118	-30.6#	140	-0.02
91	M	Naphthalene	20.000	19.447	2.8	110	-0.01
92		1,2,3-Trichlorobenzene	20.000	21.267	-6.3	118	-0.02

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