Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102325\
Data File : VT019163.D
Acq On : 23 Oct 2025 9:22
Operator : SY/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_T
LabSampleId :
VSTDCCC020

Quant Time: Oct 24 06:39:56 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	0.00
2	M	Dichlorodifluoromethane	20.000	20.211	-1.1	110	0.00
3	M	Chloromethane	20.000	19.301	3.5	105	0.00
4	M	Vinyl Chloride	20.000	16.435	17.8	98	0.00
5	M	Bromomethane	20.000	17.828	10.9	98	0.01
6	M	Chloroethane	20.000	18.303	8.5	104	0.00
7	M	Trichlorofluoromethane	20.000	18.364	8.2	109	0.00
8	T	Diethyl Ether	20.000	18.338	8.3	107	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.388	-1.9	102	0.00
10	M	1,1-Dichloroethene	20.000	19.864	0.7	97	0.00
11		Methyl Iodide	20.000	20.899	-4.5	115	-0.01
12		Methyl Acetate	20.000	20.067	-0.3	109	-0.01
13	M	Acrolein	100.000	126.301	-26.3#	114	-0.01
14	M	Acrylonitrile	100.000	94.818	5.2	107	-0.02
15	M	Acetone	100.000	99.660	0.3	110	0.00
16	M	Carbon Disulfide	20.000	19.093	4.5	107	0.00
17		Allyl chloride	20.000	17.527	12.4	104	0.00
18	M	Methylene Chloride	20.000	19.624	1.9	110	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.471	2.6	108	0.00
20	T	Diisopropyl ether	20.000	20.129	-0.6	115	-0.01
21	M	1,1-Dichloroethane	20.000	19.275	3.6	109	-0.02
22	M	cis-1,2-Dichloroethene	20.000	19.471	2.6	108	0.00
23	M	tert-Butyl Alcohol	100.000	92.809	7.2	104	-0.02
24	M	Methyl tert-Butyl Ether	20.000	19.794	1.0	111	-0.02
25	M	Chloroform	20.000	19.596	2.0	113	-0.01
26		Cyclohexane	20.000	19.420	2.9	109	-0.01
27	s	1,2-Dichloroethane-d4	30.000	30.957	-3.2	108	-0.02
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	108	-0.01
29		1,1-Dichloropropene	20.000	19.274	3.6	112	-0.01
30	M	2-Butanone	100.000	92.517	7.5	110	-0.02
31		2,2-Dichloropropane	20.000	19.827	0.9	115	0.00
32	M	1,1,1-Trichloroethane	20.000	19.624	1.9	115	-0.01
33	M	Carbon Tetrachloride	20.000	19.808	1.0	113	-0.02
34	M	Benzene	20.000	19.210	3.9	112	-0.01
35		Methacrylonitrile	20.000	19.254	3.7	104	0.00
36	M	1,2-Dichloroethane	20.000	19.730	1.3	114	-0.01
37	M	Trichloroethene	20.000	19.009	5.0	111	-0.02
38		Methylcyclohexane	20.000	20.091	-0.5	116	-0.01
39	M	1,2-Dichloropropane	20.000	19.480	2.6	113	0.00
40		Dibromomethane	20.000	19.084	4.6	115	-0.02
41	M	Bromodichloromethane	20.000	19.179	4.1	110	-0.01
42	M	Vinyl Acetate	100.000	95.795	4.2	112	-0.02
43		Ethyl Acetate	20.000	19.683	1.6	115	-0.01
44		Isopropyl Acetate	20.000	19.257	3.7	112	-0.02
45	T	1,4-Dioxane	400.000	372.248	6.9	100	-0.02
46		Methyl methacrylate	20.000	18.892	5.5	111	-0.01
47		n-amyl Acetate	20.000	19.544	2.3	113	-0.01
48	M	t-1,3-Dichloropropene	20.000	19.531	2.3	112	-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	19.720	1.4	115	-0.02
50	M	1,1,2-Trichloroethane	20.000	19.516	2.4	113	-0.01
51		Ethyl methacrylate	20.000	19.682	1.6	112	-0.01
52		1,3-Dichloropropane	20.000	19.027	4.9	110	-0.01
53	M	Dibromochloromethane	20.000	19.546	2.3	113	-0.01
54	M	1,2-Dibromoethane	20.000	19.145	4.3	111	-0.01
55	M	2-Chloroethyl vinyl ether	100.000	84.868	15.1	112	-0.01
56	M	Bromoform	20.000	19.722	1.4	112	-0.02
57	I	Chlorobenzene-d5	30.000	30.000	0.0	103	-0.01
58	M	4-Methyl-2-Pentanone	100.000	92.889	7.1	107	-0.02
59	M	2-Hexanone	100.000	92.889	7.1	107	-0.02
60	S	4-Bromofluorobenzene	30.000	29.682	1.1	105	-0.01
61	M	Tetrachloroethene	20.000	20.080	-0.4	112	-0.01
62	M	Toluene	20.000	19.673	1.6	111	-0.02
63	S	Toluene-d8	30.000	30.055	-0.2	103	-0.01
64	M	Chlorobenzene	20.000	19.853	0.7	113	-0.01
65		1,1,1,2-Tetrachloroethane	20.000	19.631	1.8	109	-0.01
66	M	Ethyl Benzene	20.000	19.664	1.7	111	-0.01
67	M	m/p-Xylenes	40.000	39.266	1.8	112	-0.01
68	M	o-Xylene	20.000	19.126	4.4	112	-0.02
69	M	Styrene	20.000	19.329	3.4	110	-0.02
70		Isopropylbenzene	20.000	19.844	0.8	112	-0.01
71	M	1,1,2,2-Tetrachloroethane	20.000	19.400	3.0	108	-0.01
72		1,2,3-Trichloropropane	20.000	22.084	-10.4	120	-0.01
73		Bromobenzene	20.000	19.862	0.7	114	-0.02
74		n-propylbenzene	20.000	19.925	0.4	112	-0.01
75		2-Chlorotoluene	20.000	19.982	0.1	113	-0.02
76		1,3,5-Trimethylbenzene	20.000	20.361	-1.8	116	-0.01
77		t-1,4-Dichloro-2-butene	20.000	19.352	3.2	107	-0.01
78		4-Chlorotoluene	20.000	19.676	1.6	111	-0.01
79		tert-butylbenzene	20.000	19.925	0.4	108	-0.01
80		1,2,4-Trimethylbenzene	20.000	19.456	2.7	108	-0.01
81		sec-Butylbenzene	20.000	20.021	-0.1	112	-0.02
82		p-Isopropyltoluene	20.000	19.737	1.3	111	-0.01
83	M	1,3-Dichlorobenzene	20.000	19.721	1.4	111	-0.01
84	M	1,4-Dichlorobenzene	20.000	20.143	-0.7	113	-0.01
85		n-Butylbenzene	20.000	19.542	2.3	108	-0.02
86	T	Hexachloroethane	20.000	21.846	-9.2	120	-0.01
87	M	1,2-Dichlorobenzene	20.000	19.667	1.7	110	-0.01
88		1,2-Dibromo-3-Chloropropane	20.000	19.596	2.0	110	-0.02
89		1,2,4-Trichlorobenzene	20.000	19.823	0.9	112	-0.02
90		Hexachlorobutadiene	20.000	20.572	-2.9	110	-0.02
91	M	Naphthalene	20.000	18.623	6.9	105	0.00
92		1,2,3-Trichlorobenzene	20.000	19.558	2.2	108	-0.02

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