Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102025\
Data File : VN088072.D
Acq On : 20 Oct 2025 08:52
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Oct 21 05:34:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 09 02:36:32 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	89	0.00
2	M	Dichlorodifluoromethane	20.000	21.918	-9.6	94	0.00
3	M	Chloromethane	20.000	19.992	0.0	90	0.00
4	M	Vinyl Chloride	20.000	20.649	-3.2	92	0.00
5	M	Bromomethane	20.000	22.034	-10.2	103	0.00
6	M	Chloroethane	20.000	22.087	-10.4	99	0.00
7	M	Trichlorofluoromethane	20.000	23.338	-16.7	105	0.00
8	T	Diethyl Ether	20.000	21.090	-5.4	96	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	22.311	-11.6	101	0.00
10	M	1,1-Dichloroethene	20.000	21.134	-5.7	95	0.00
11		Methyl Iodide	20.000	16.676	16.6	90	0.00
12		Methyl Acetate	20.000	21.414	-7.1	97	0.00
13	M	Acrolein	100.000	73.018	27.0#	73	0.00
14	M	Acrylonitrile	100.000	96.903	3.1	88	0.00
15	M	Acetone	100.000	91.815	8.2	81	0.00
16	M	Carbon Disulfide	20.000	19.692	1.5	89	0.01
17		Allyl chloride	20.000	20.198	-1.0	91	0.00
18	M	Methylene Chloride	20.000	19.340	3.3	89	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.669	1.7	88	0.00
20	T	Diisopropyl ether	20.000	20.292	-1.5	91	0.00
21	M	1,1-Dichloroethane	20.000	20.593	-3.0	92	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.911	0.4	90	0.00
23	M	tert-Butyl Alcohol	100.000	91.354	8.6	82	-0.02
24	M	Methyl tert-Butyl Ether	20.000	19.779	1.1	90	0.00
25	M	Chloroform	20.000	20.283	-1.4	92	0.00
26		Cyclohexane	20.000	20.854	-4.3	92	0.00
27	s	1,2-Dichloroethane-d4	30.000	32.552	-8.5	98	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29		1,1-Dichloropropene	20.000	20.766	-3.8	96	0.00
30	M	2-Butanone	100.000	93.573	6.4	85	0.00
31		2,2-Dichloropropane	20.000	21.513	-7.6	98	0.00
32	M	1,1,1-Trichloroethane	20.000	21.001	-5.0	95	0.00
33	M	Carbon Tetrachloride	20.000	21.318	-6.6	97	0.00
34	M	Benzene	20.000	19.772	1.1	91	0.00
35		Methacrylonitrile	20.000	19.140	4.3	87	0.00
36	M	1,2-Dichloroethane	20.000	20.969	-4.8	96	0.00
37	M	Trichloroethene	20.000	19.082	4.6	87	0.00
38		Methylcyclohexane	20.000	20.494	-2.5	94	0.00
39	M	1,2-Dichloropropane	20.000	19.834	0.8	91	0.00
40		Dibromomethane	20.000	19.858	0.7	90	0.00
41	M	Bromodichloromethane	20.000	20.076	-0.4	93	0.00
42	M	Vinyl Acetate	100.000	92.402	7.6	90	0.00
43		Ethyl Acetate	20.000	20.063	-0.3	91	0.00
44		Isopropyl Acetate	20.000	19.161	4.2	88	0.00
45	T	1,4-Dioxane	400.000	392.783	1.8	82	0.00
46		Methyl methacrylate	20.000	17.143	14.3	88	0.00
47		n-amyl Acetate	20.000	23.091	-15.5	107	0.00
48	M	t-1,3-Dichloropropene	20.000	19.520	2.4	91	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	19.546	2.3	90	0.00
50	M	1,1,2-Trichloroethane	20.000	19.287	3.6	89	0.00
51		Ethyl methacrylate	20.000	19.052	4.7	91	0.00
52		1,3-Dichloropropane	20.000	19.780	1.1	91	0.00
53	M	Dibromochloromethane	20.000	19.706	1.5	92	0.00
54	M	1,2-Dibromoethane	20.000	19.404	3.0	90	0.00
55	M	2-Chloroethyl vinyl ether	100.000	96.878	3.1	86	0.00
56	M	Bromoform	20.000	18.195	9.0	86	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58	M	4-Methyl-2-Pentanone	100.000	96.812	3.2	89	0.00
59	M	2-Hexanone	100.000	95.101	4.9	88	0.00
60	S	4-Bromofluorobenzene	30.000	29.799	0.7	91	0.00
61	M	Tetrachloroethene	20.000	19.047	4.8	86	0.00
62	M	Toluene	20.000	19.686	1.6	90	0.00
63	S	Toluene-d8	30.000	30.809	-2.7	94	0.00
64	M	Chlorobenzene	20.000	19.581	2.1	90	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.621	1.9	88	0.00
66	M	Ethyl Benzene	20.000	19.892	0.5	92	0.00
67	M	m/p-Xylenes	40.000	39.395	1.5	90	0.00
68	M	o-Xylene	20.000	18.890	5.5	86	0.00
69	M	Styrene	20.000	19.241	3.8	91	0.00
70		Isopropylbenzene	20.000	20.011	-0.1	93	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.300	3.5	89	0.00
72		1,2,3-Trichloropropane	20.000	20.866	-4.3	101	0.00
73		Bromobenzene	20.000	18.438	7.8	84	0.00
74		n-propylbenzene	20.000	20.437	-2.2	94	0.00
75		2-Chlorotoluene	20.000	20.097	-0.5	93	0.00
76		1,3,5-Trimethylbenzene	20.000	19.736	1.3	91	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.307	8.5	93	0.00
78		4-Chlorotoluene	20.000	20.449	-2.2	94	0.00
79		tert-butylbenzene	20.000	19.868	0.7	91	0.00
80		1,2,4-Trimethylbenzene	20.000	20.037	-0.2	92	0.00
81		sec-Butylbenzene	20.000	20.761	-3.8	95	0.00
82		p-Isopropyltoluene	20.000	20.191	-1.0	92	0.00
83	M	1,3-Dichlorobenzene	20.000	19.315	3.4	88	0.00
84	M	1,4-Dichlorobenzene	20.000	19.106	4.5	87	0.00
85		n-Butylbenzene	20.000	20.996	-5.0	96	0.00
86	T	Hexachloroethane	20.000	20.397	-2.0	95	0.00
87	M	1,2-Dichlorobenzene	20.000	18.669	6.7	86	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.052	4.7	84	0.00
89		1,2,4-Trichlorobenzene	20.000	17.519	12.4	80	0.00
90		Hexachlorobutadiene	20.000	19.026	4.9	89	0.00
91	M	Naphthalene	20.000	18.031	9.8	83	0.00
92		1,2,3-Trichlorobenzene	20.000	17.519	12.4	80	0.00

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