Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088469.D
Acq On : 05 Dec 2025 14:55
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Dec 05 23:39:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 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	99	0.00
2	M	Dichlorodifluoromethane	20.000	15.561	22.2	69	0.00
3	M	Chloromethane	20.000	17.490	12.6	82	0.00
4	M	Vinyl Chloride	20.000	16.195	19.0	77	0.00
5	M	Bromomethane	20.000	13.239	33.8#	66	0.00
6	M	Chloroethane	20.000	18.089	9.6	85	0.00
7	M	Trichlorofluoromethane	20.000	16.546	17.3	77	0.00
8	T	Diethyl Ether	20.000	19.495	2.5	97	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	16.443	17.8	77	-0.01
10	M	1,1-Dichloroethene	20.000	16.613	16.9	78	0.00
11		Methyl Iodide	20.000	12.667	36.7#	63	0.00
12		Methyl Acetate	20.000	20.998	-5.0	102	0.00
13	M	Acrolein	100.000	103.391	-3.4	114	0.00
14	M	Acrylonitrile	100.000	96.007	4.0	94	0.00
15	M	Acetone	100.000	95.814	4.2	93	0.00
16	M	Carbon Disulfide	20.000	16.356	18.2	76	0.00
17		Allyl chloride	20.000	16.688	16.6	80	0.00
18	M	Methylene Chloride	20.000	19.210	3.9	93	0.00
19	M	trans-1,2-Dichloroethene	20.000	16.623	16.9	78	0.00
20	T	Diisopropyl ether	20.000	20.335	-1.7	99	0.00
21	M	1,1-Dichloroethane	20.000	18.816	5.9	90	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.504	7.5	90	0.00
23	M	tert-Butyl Alcohol	100.000	80.577	19.4	82	-0.02
24	M	Methyl tert-Butyl Ether	20.000	19.581	2.1	97	0.00
25	M	Chloroform	20.000	19.615	1.9	96	0.00
26		Cyclohexane	20.000	13.588	32.1#	62	-0.01
27	s	1,2-Dichloroethane-d4	30.000	32.064	-6.9	106	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	85	0.00
29		1,1-Dichloropropene	20.000	19.072	4.6	80	0.00
30	M	2-Butanone	100.000	105.023	-5.0	93	-0.01
31		2,2-Dichloropropane	20.000	19.780	1.1	84	0.00
32	M	1,1,1-Trichloroethane	20.000	20.073	-0.4	85	0.00
33	M	Carbon Tetrachloride	20.000	18.817	5.9	80	0.00
34	M	Benzene	20.000	20.705	-3.5	88	0.00
35		Methacrylonitrile	20.000	21.354	-6.8	95	0.00
36	M	1,2-Dichloroethane	20.000	23.358	-16.8	101	0.00
37	M	Trichloroethene	20.000	19.642	1.8	84	0.00
38		Methylcyclohexane	20.000	14.015	29.9#	58	0.00
39	M	1,2-Dichloropropane	20.000	22.065	-10.3	96	0.00
40		Dibromomethane	20.000	22.670	-13.4	97	0.00
41	M	Bromodichloromethane	20.000	23.106	-15.5	103	0.00
42	M	Vinyl Acetate	100.000	118.589	-18.6	104	0.00
43		Ethyl Acetate	20.000	21.606	-8.0	93	0.00
44		Isopropyl Acetate	20.000	21.928	-9.6	96	0.00
45	T	1,4-Dioxane	400.000	398.484	0.4	82	0.00
46		Methyl methacrylate	20.000	19.999	0.0	90	0.00
47		n-amyl Acetate	20.000	22.325	-11.6	106	-0.12
48	M	t-1,3-Dichloropropene	20.000	20.091	-0.5	92	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	21.211	-6.1	92	0.00
50	M	1,1,2-Trichloroethane	20.000	23.102	-15.5	101	0.00
51		Ethyl methacrylate	20.000	20.954	-4.8	97	0.00
52		1,3-Dichloropropane	20.000	22.266	-11.3	97	0.00
53	M	Dibromochloromethane	20.000	22.041	-10.2	98	0.00
54	M	1,2-Dibromoethane	20.000	21.326	-6.6	95	0.00
55	M	2-Chloroethyl vinyl ether	100.000	97.998	2.0	89	0.00
56	M	Bromoform	20.000	21.050	-5.3	96	-0.01
57	I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58	M	4-Methyl-2-Pentanone	100.000	108.787	-8.8	99	0.00
59	M	2-Hexanone	100.000	104.116	-4.1	99	0.00
60	S	4-Bromofluorobenzene	30.000	30.133	-0.4	94	0.00
61	M	Tetrachloroethene	20.000	18.774	6.1	81	0.00
62	M	Toluene	20.000	20.044	-0.2	89	0.00
63	S	Toluene-d8	30.000	30.378	-1.3	91	0.00
64	M	Chlorobenzene	20.000	19.648	1.8	90	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.055	-5.3	95	0.00
66	M	Ethyl Benzene	20.000	18.197	9.0	82	0.00
67	M	m/p-Xylenes	40.000	37.761	5.6	85	0.00
68	M	o-Xylene	20.000	18.420	7.9	85	0.00
69	M	Styrene	20.000	18.783	6.1	88	0.00
70		Isopropylbenzene	20.000	17.212	13.9	78	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.533	-2.7	94	0.00
72		1,2,3-Trichloropropane	20.000	20.049	-0.2	100	0.00
73		Bromobenzene	20.000	20.129	-0.6	93	0.00
74		n-propylbenzene	20.000	17.439	12.8	78	0.00
75		2-Chlorotoluene	20.000	18.025	9.9	82	0.00
76		1,3,5-Trimethylbenzene	20.000	17.463	12.7	79	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.166	9.2	89	0.00
78		4-Chlorotoluene	20.000	18.722	6.4	85	0.00
79		tert-butylbenzene	20.000	16.143	19.3	74	0.00
80		1,2,4-Trimethylbenzene	20.000	17.778	11.1	82	0.00
81		sec-Butylbenzene	20.000	15.892	20.5	71	0.00
82		p-Isopropyltoluene	20.000	16.032	19.8	72	0.00
83	M	1,3-Dichlorobenzene	20.000	19.295	3.5	87	0.00
84	M	1,4-Dichlorobenzene	20.000	18.835	5.8	87	0.00
85		n-Butylbenzene	20.000	15.123	24.4	66	0.00
86	T	Hexachloroethane	20.000	15.037	24.8	69	0.00
87	M	1,2-Dichlorobenzene	20.000	18.806	6.0	85	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.673	6.6	90	0.00
89		1,2,4-Trichlorobenzene	20.000	17.255	13.7	81	0.00
90		Hexachlorobutadiene	20.000	15.075	24.6	67	0.00
91	M	Naphthalene	20.000	16.901	15.5	80	0.00
92		1,2,3-Trichlorobenzene	20.000	17.255	13.7	81	0.00

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