Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091725\
Data File : VN087883.D
Acq On : 17 Sep 2025 16:21
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 18 03:14:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 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	116	0.00
2	M	Dichlorodifluoromethane	20.000	16.729	16.4	104	0.00
3	M	Chloromethane	20.000	15.450	22.8	98	0.00
4	M	Vinyl Chloride	20.000	14.544	27.3#	94	0.00
5	M	Bromomethane	20.000	14.522	27.4#	99	0.00
6	M	Chloroethane	20.000	14.544	27.3#	94	0.00
7	M	Trichlorofluoromethane	20.000	17.053	14.7	111	0.00
8	T	Diethyl Ether	20.000	15.901	20.5	108	0.02
9		1,1,2-Trichlorotrifluoroeth	20.000	17.376	13.1	112	0.00
10	M	1,1-Dichloroethene	20.000	16.540	17.3	111	0.00
11		Methyl Iodide	20.000	13.660	31.7#	109	0.00
12		Methyl Acetate	20.000	21.448	-7.2	137	0.00
13	M	Acrolein	100.000	114.246	-14.2	153	0.00
14	M	Acrylonitrile	100.000	97.945	2.1	130	-0.01
15	M	Acetone	100.000	87.219	12.8	119	0.00
16	M	Carbon Disulfide	20.000	15.750	21.3	105	0.00
17		Allyl chloride	20.000	17.860	10.7	121	0.00
18	M	Methylene Chloride	20.000	20.538	-2.7	139	0.00
19	M	trans-1,2-Dichloroethene	20.000	18.224	8.9	119	0.00
20	T	Diisopropyl ether	20.000	18.007	10.0	120	0.00
21	M	1,1-Dichloroethane	20.000	18.429	7.9	122	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.214	-1.1	133	0.00
23	M	tert-Butyl Alcohol	100.000	99.358	0.6	128	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.097	-0.5	137	0.00
25	M	Chloroform	20.000	19.665	1.7	128	0.00
26		Cyclohexane	20.000	17.027	14.9	115	0.00
27	s	1,2-Dichloroethane-d4	30.000	28.485	5.1	113	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	117	0.00
29		1,1-Dichloropropene	20.000	19.600	2.0	124	0.00
30	M	2-Butanone	100.000	102.336	-2.3	132	0.00
31		2,2-Dichloropropane	20.000	20.732	-3.7	143	0.01
32	M	1,1,1-Trichloroethane	20.000	20.954	-4.8	130	0.00
33	M	Carbon Tetrachloride	20.000	20.620	-3.1	133	0.00
34	M	Benzene	20.000	20.222	-1.1	129	0.00
35		Methacrylonitrile	20.000	19.099	4.5	114	0.00
36	M	1,2-Dichloroethane	20.000	20.322	-1.6	127	0.00
37	M	Trichloroethene	20.000	20.777	-3.9	132	0.00
38		Methylcyclohexane	20.000	17.826	10.9	117	0.00
39	M	1,2-Dichloropropane	20.000	20.138	-0.7	126	0.00
40		Dibromomethane	20.000	21.899	-9.5	139	0.00
41	M	Bromodichloromethane	20.000	21.050	-5.3	132	0.00
42	M	Vinyl Acetate	100.000	92.264	7.7	120	0.00
43		Ethyl Acetate	20.000	19.579	2.1	121	0.00
44		Isopropyl Acetate	20.000	19.018	4.9	120	0.00
45	T	1,4-Dioxane	400.000	427.798	-6.9	127	0.00
46		Methyl methacrylate	20.000	19.253	3.7	126	0.00
47		n-amyl Acetate	20.000	14.796	26.0#	121	-0.11
48	M	t-1,3-Dichloropropene	20.000	19.836	0.8	132	0.00

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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	19.979	0.1	134	0.00
50	M	1,1,2-Trichloroethane	20.000	22.327	-11.6	143	0.00
51		Ethyl methacrylate	20.000	19.940	0.3	137	0.00
52		1,3-Dichloropropane	20.000	21.468	-7.3	135	0.00
53	M	Dibromochloromethane	20.000	22.739	-13.7	156	0.00
54	M	1,2-Dibromoethane	20.000	22.136	-10.7	143	0.00
55	M	2-Chloroethyl vinyl ether	100.000	92.170	7.8	116	0.00
56	M	Bromoform	20.000	23.489	-17.4	161	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	121	0.00
58	M	4-Methyl-2-Pentanone	100.000	101.406	-1.4	133	0.00
59	M	2-Hexanone	100.000	96.401	3.6	129	0.00
60	S	4-Bromofluorobenzene	30.000	30.278	-0.9	120	0.00
61	M	Tetrachloroethene	20.000	20.313	-1.6	131	0.00
62	M	Toluene	20.000	19.619	1.9	128	0.00
63	S	Toluene-d8	30.000	28.681	4.4	114	0.00
64	M	Chlorobenzene	20.000	20.237	-1.2	135	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.515	-7.6	144	0.00
66	M	Ethyl Benzene	20.000	19.184	4.1	130	0.00
67	M	m/p-Xylenes	40.000	40.618	-1.5	139	0.00
68	M	o-Xylene	20.000	20.678	-3.4	138	0.00
69	M	Styrene	20.000	20.180	-0.9	139	0.00
70		Isopropylbenzene	20.000	20.470	-2.3	142	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.921	-9.6	140	0.00
72		1,2,3-Trichloropropane	20.000	20.958	-4.8	125	0.00
73		Bromobenzene	20.000	22.538	-12.7	151	0.00
74		n-propylbenzene	20.000	19.794	1.0	133	0.00
75		2-Chlorotoluene	20.000	20.533	-2.7	135	0.00
76		1,3,5-Trimethylbenzene	20.000	20.675	-3.4	139	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.038	-0.2	141	0.00
78		4-Chlorotoluene	20.000	20.570	-2.9	135	0.00
79		tert-butylbenzene	20.000	20.916	-4.6	141	0.00
80		1,2,4-Trimethylbenzene	20.000	20.601	-3.0	137	0.00
81		sec-Butylbenzene	20.000	20.558	-2.8	137	0.00
82		p-Isopropyltoluene	20.000	20.914	-4.6	142	0.00
83	M	1,3-Dichlorobenzene	20.000	21.657	-8.3	140	0.00
84	M	1,4-Dichlorobenzene	20.000	22.673	-13.4	149	0.00
85		n-Butylbenzene	20.000	20.422	-2.1	141	0.00
86	T	Hexachloroethane	20.000	21.030	-5.2	138	0.00
87	M	1,2-Dichlorobenzene	20.000	22.821	-14.1	149	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	22.956	-14.8	142	0.00
89		1,2,4-Trichlorobenzene	20.000	22.001	-10.0	150	0.00
90		Hexachlorobutadiene	20.000	23.438	-17.2	147	0.00
91	M	Naphthalene	20.000	20.825	-4.1	145	0.00
92		1,2,3-Trichlorobenzene	20.000	22.001	-10.0	150	0.00

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