Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
Data File : VN087468.D
Acq On : 06 Aug 2025 09:25
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 07 03:30:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 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	104	0.00
2	M	Dichlorodifluoromethane	20.000	17.787	11.1	88	0.00
3	M	Chloromethane	20.000	17.019	14.9	82	0.00
4	M	Vinyl Chloride	20.000	17.696	11.5	86	0.00
5	M	Bromomethane	20.000	18.533	7.3	96	0.00
6	M	Chloroethane	20.000	17.836	10.8	89	0.00
7	M	Trichlorofluoromethane	20.000	17.357	13.2	86	0.00
8	T	Diethyl Ether	20.000	17.414	12.9	88	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	17.029	14.9	87	0.00
10	M	1,1-Dichloroethene	20.000	17.208	14.0	85	0.00
11		Methyl Iodide	20.000	12.989	35.1#	81	0.00
12		Methyl Acetate	20.000	16.571	17.1	84	0.00
13	M	Acrolein	100.000	114.109	-14.1	119	0.00
14	M	Acrylonitrile	100.000	83.015	17.0	84	0.00
15	M	Acetone	100.000	102.019	-2.0	96	0.00
16	M	Carbon Disulfide	20.000	17.007	15.0	87	0.00
17		Allyl chloride	20.000	17.011	14.9	88	0.00
18	M	Methylene Chloride	20.000	17.085	14.6	87	0.00
19	M	trans-1,2-Dichloroethene	20.000	16.618	16.9	84	0.00
20	T	Diisopropyl ether	20.000	16.547	17.3	84	0.00
21	M	1,1-Dichloroethane	20.000	17.234	13.8	85	0.00
22	M	cis-1,2-Dichloroethene	20.000	17.118	14.4	86	0.00
23	M	tert-Butyl Alcohol	100.000	73.692	26.3#	76	0.00
24	M	Methyl tert-Butyl Ether	20.000	17.180	14.1	87	0.00
25	M	Chloroform	20.000	17.476	12.6	89	0.00
26		Cyclohexane	20.000	17.019	14.9	84	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.668	-2.2	104	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29		1,1-Dichloropropene	20.000	16.851	15.7	86	0.00
30	M	2-Butanone	100.000	85.575	14.4	87	0.00
31		2,2-Dichloropropane	20.000	17.569	12.2	89	0.00
32	M	1,1,1-Trichloroethane	20.000	17.200	14.0	89	0.00
33	M	Carbon Tetrachloride	20.000	17.047	14.8	87	0.00
34	M	Benzene	20.000	16.656	16.7	85	0.00
35		Methacrylonitrile	20.000	15.777	21.1	79	0.00
36	M	1,2-Dichloroethane	20.000	16.844	15.8	85	0.00
37	M	Trichloroethene	20.000	16.848	15.8	85	0.00
38		Methylcyclohexane	20.000	16.533	17.3	84	0.00
39	M	1,2-Dichloropropane	20.000	16.980	15.1	86	0.00
40		Dibromomethane	20.000	17.097	14.5	87	0.00
41	M	Bromodichloromethane	20.000	16.545	17.3	86	0.00
42	M	Vinyl Acetate	100.000	85.174	14.8	85	0.00
43		Ethyl Acetate	20.000	17.229	13.9	88	0.00
44		Isopropyl Acetate	20.000	16.455	17.7	84	0.00
45	T	1,4-Dioxane	400.000	315.176	21.2	78	0.00
46		Methyl methacrylate	20.000	16.239	18.8	83	0.00
47		n-amyl Acetate	20.000	16.383	18.1	97	0.00
48	M	t-1,3-Dichloropropene	20.000	16.163	19.2	84	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	16.565	17.2	86	0.00
50	M	1,1,2-Trichloroethane	20.000	16.554	17.2	85	0.00
51		Ethyl methacrylate	20.000	16.764	16.2	87	0.00
52		1,3-Dichloropropane	20.000	17.193	14.0	88	0.00
53	M	Dibromochloromethane	20.000	16.482	17.6	86	0.00
54	M	1,2-Dibromoethane	20.000	16.643	16.8	85	0.00
55	M	2-Chloroethyl vinyl ether	100.000	101.073	-1.1	103	0.00
56	M	Bromoform	20.000	15.617	21.9	83	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58	M	4-Methyl-2-Pentanone	100.000	81.801	18.2	83	0.00
59	M	2-Hexanone	100.000	82.598	17.4	86	0.00
60	S	4-Bromofluorobenzene	30.000	29.672	1.1	103	0.00
61	M	Tetrachloroethene	20.000	17.083	14.6	90	0.00
62	M	Toluene	20.000	16.459	17.7	84	0.00
63	S	Toluene-d8	30.000	30.132	-0.4	105	0.00
64	M	Chlorobenzene	20.000	16.597	17.0	86	0.00
65		1,1,1,2-Tetrachloroethane	20.000	16.858	15.7	87	0.00
66	M	Ethyl Benzene	20.000	16.795	16.0	86	0.00
67	M	m/p-Xylenes	40.000	32.961	17.6	85	0.00
68	M	o-Xylene	20.000	16.271	18.6	84	0.00
69	M	Styrene	20.000	16.221	18.9	84	0.00
70		Isopropylbenzene	20.000	16.827	15.9	86	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	16.342	18.3	82	0.00
72		1,2,3-Trichloropropane	20.000	17.556	12.2	98	0.00
73		Bromobenzene	20.000	16.587	17.1	87	0.00
74		n-propylbenzene	20.000	16.984	15.1	87	0.00
75		2-Chlorotoluene	20.000	16.444	17.8	85	0.00
76		1,3,5-Trimethylbenzene	20.000	16.585	17.1	85	0.00
77		t-1,4-Dichloro-2-butene	20.000	16.163	19.2	90	0.00
78		4-Chlorotoluene	20.000	16.715	16.4	88	0.00
79		tert-butylbenzene	20.000	16.716	16.4	86	0.00
80		1,2,4-Trimethylbenzene	20.000	16.959	15.2	88	0.00
81		sec-Butylbenzene	20.000	16.814	15.9	86	0.00
82		p-Isopropyltoluene	20.000	16.643	16.8	85	0.00
83	M	1,3-Dichlorobenzene	20.000	16.521	17.4	85	0.00
84	M	1,4-Dichlorobenzene	20.000	16.711	16.4	85	0.00
85		n-Butylbenzene	20.000	16.770	16.2	86	0.00
86	T	Hexachloroethane	20.000	16.355	18.2	85	0.00
87	M	1,2-Dichlorobenzene	20.000	16.510	17.4	84	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	15.809	21.0	80	0.00
89		1,2,4-Trichlorobenzene	20.000	15.850	20.8	83	0.00
90		Hexachlorobutadiene	20.000	16.214	18.9	84	0.00
91	M	Naphthalene	20.000	15.825	20.9	82	0.00
92		1,2,3-Trichlorobenzene	20.000	15.850	20.8	83	0.00

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