Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
Data File : VN088046.D
Acq On : 08 Oct 2025 17:05
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Oct 09 02:59:54 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	91	0.00
2	M	Dichlorodifluoromethane	1.718	1.492	13.2	76	0.00
3	M	Chloromethane	1.948	1.604	17.7	75	0.00
4	M	Vinyl Chloride	2.031	1.661	18.2	74	0.00
5	M	Bromomethane	1.092	0.847	22.4	74	0.00
6	M	Chloroethane	1.340	1.098	18.1	75	0.00
7	M	Trichlorofluoromethane	2.762	2.410	12.7	80	0.00
8	T	Diethyl Ether	1.248	1.029	17.5	77	0.00
9		1,1,2-Trichlorotrifluoroeth	1.479	1.234	16.6	77	0.00
10	M	1,1-Dichloroethene	1.577	1.351	14.3	79	0.00
11		Methyl Iodide	1.454	0.938	35.5#	71	0.00
12		Methyl Acetate	2.564	2.153	16.0	78	0.00
13	M	Acrolein	0.397	0.405	-2.0	105	0.00
14	M	Acrylonitrile	1.237	1.020	17.5	76	0.00
15	M	Acetone	0.362	0.266	26.5#	67	0.00
16	M	Carbon Disulfide	4.945	4.140	16.3	78	0.01
17		Allyl chloride	2.976	2.376	20.2	74	0.00
18	M	Methylene Chloride	2.005	1.657	17.4	78	0.00
19	M	trans-1,2-Dichloroethene	1.824	1.546	15.2	77	0.00
20	T	Diisopropyl ether	6.776	5.669	16.3	77	0.00
21	M	1,1-Dichloroethane	3.528	2.901	17.8	75	0.00
22	M	cis-1,2-Dichloroethene	2.283	1.882	17.6	76	0.00
23	M	tert-Butyl Alcohol	0.496	0.393	20.8	73	0.00
24	M	Methyl tert-Butyl Ether	6.809	5.624	17.4	77	0.00
25	M	Chloroform	3.640	3.005	17.4	77	0.00
26		Cyclohexane	2.923	2.439	16.6	75	0.00
27	s	1,2-Dichloroethane-d4	2.336	2.320	0.7	91	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29		1,1-Dichloropropene	0.430	0.367	14.7	79	0.00
30	M	2-Butanone	0.317	0.260	18.0	74	0.00
31		2,2-Dichloropropane	0.554	0.443	20.0	72	0.00
32	M	1,1,1-Trichloroethane	0.537	0.452	15.8	75	0.00
33	M	Carbon Tetrachloride	0.450	0.384	14.7	78	0.00
34	M	Benzene	1.426	1.189	16.6	76	0.00
35		Methacrylonitrile	0.334	0.264	21.0	71	0.00
36	M	1,2-Dichloroethane	0.495	0.430	13.1	79	0.00
37	M	Trichloroethene	0.338	0.279	17.5	75	0.00
38		Methylcyclohexane	0.531	0.447	15.8	77	0.00
39	M	1,2-Dichloropropane	0.358	0.304	15.1	78	0.00
40		Dibromomethane	0.260	0.220	15.4	77	0.00
41	M	Bromodichloromethane	0.532	0.442	16.9	77	0.00
42	M	Vinyl Acetate	1.080	0.959	11.2	86	0.00
43		Ethyl Acetate	0.610	0.494	19.0	73	0.00
44		Isopropyl Acetate	0.996	0.834	16.3	77	0.00
45	T	1,4-Dioxane	0.007	0.005	28.6#	64	0.00
46		Methyl methacrylate	0.439	0.374	14.8	87	0.00
47		n-amyl Acetate	0.472	0.408	13.6	80	0.11
48	M	t-1,3-Dichloropropene	0.591	0.481	18.6	76	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.617	0.505	18.2	75	0.00
50	M	1,1,2-Trichloroethane	0.345	0.283	18.0	75	0.00
51		Ethyl methacrylate	0.583	0.483	17.2	79	0.00
52		1,3-Dichloropropane	0.601	0.506	15.8	77	0.00
53	M	Dibromochloromethane	0.412	0.336	18.4	76	0.00
54	M	1,2-Dibromoethane	0.369	0.306	17.1	77	0.00
55	M	2-Chloroethyl vinyl ether	0.315	0.273	13.3	77	0.00
56	M	Bromoform	0.279	0.214	23.3	73	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
58	M	4-Methyl-2-Pentanone	0.671	0.580	13.6	78	0.00
59	M	2-Hexanone	0.443	0.362	18.3	74	0.00
60	S	4-Bromofluorobenzene	0.495	0.496	-0.2	90	0.00
61	M	Tetrachloroethene	0.304	0.246	19.1	72	0.00
62	M	Toluene	1.702	1.460	14.2	77	0.00
63	S	Toluene-d8	1.337	1.353	-1.2	91	0.00
64	M	Chlorobenzene	1.087	0.911	16.2	76	0.00
65		1,1,1,2-Tetrachloroethane	0.375	0.320	14.7	75	0.00
66	M	Ethyl Benzene	1.850	1.594	13.8	78	0.00
67	M	m/p-Xylenes	0.713	0.603	15.4	76	0.00
68	M	o-Xylene	0.710	0.610	14.1	77	0.00
69	M	Styrene	1.175	0.987	16.0	78	0.00
70		Isopropylbenzene	1.740	1.475	15.2	77	0.00
71	M	1,1,2,2-Tetrachloroethane	0.590	0.504	14.6	78	0.00
72		1,2,3-Trichloropropane	0.548	0.479	12.6	83	0.00
73		Bromobenzene	0.425	0.362	14.8	76	0.00
74		n-propylbenzene	2.101	1.761	16.2	76	0.00
75		2-Chlorotoluene	1.285	1.079	16.0	76	0.00
76		1,3,5-Trimethylbenzene	1.478	1.266	14.3	78	0.00
77		t-1,4-Dichloro-2-butene	0.218	0.156	28.4#	71	0.00
78		4-Chlorotoluene	1.305	1.074	17.7	75	0.00
79		tert-butylbenzene	1.282	1.115	13.0	78	0.00
80		1,2,4-Trimethylbenzene	1.480	1.277	13.7	78	0.00
81		sec-Butylbenzene	1.802	1.555	13.7	78	0.00
82		p-Isopropyltoluene	1.538	1.290	16.1	75	0.00
83	M	1,3-Dichlorobenzene	0.800	0.668	16.5	75	0.00
84	M	1,4-Dichlorobenzene	0.825	0.704	14.7	76	0.00
85		n-Butylbenzene	1.431	1.204	15.9	76	0.00
86	T	Hexachloroethane	0.308	0.251	18.5	75	0.00
87	M	1,2-Dichlorobenzene	0.787	0.666	15.4	76	0.00
88		1,2-Dibromo-3-Chloropropane	0.136	0.120	11.8	77	0.00
89		1,2,4-Trichlorobenzene	0.469	0.383	18.3	73	0.00
90		Hexachlorobutadiene	0.163	0.131	19.6	74	0.00
91	M	Naphthalene	1.717	1.443	16.0	76	0.00
92		1,2,3-Trichlorobenzene	0.469	0.383	18.3	73	0.00

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