Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100925\
Data File : VN088048.D
Acq On : 09 Oct 2025 09:15
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 10 00:45:35 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	95	0.00
2	M	Dichlorodifluoromethane	1.718	1.755	-2.2	93	0.00
3	M	Chloromethane	1.948	1.833	5.9	89	0.00
4	M	Vinyl Chloride	2.031	1.944	4.3	90	0.00
5	M	Bromomethane	1.092	1.074	1.6	98	0.00
6	M	Chloroethane	1.340	1.293	3.5	92	0.00
7	M	Trichlorofluoromethane	2.762	2.711	1.8	94	0.00
8	T	Diethyl Ether	1.248	1.188	4.8	92	0.00
9		1,1,2-Trichlorotrifluoroeth	1.479	1.446	2.2	94	0.00
10	M	1,1-Dichloroethene	1.577	1.563	0.9	95	0.01
11		Methyl Iodide	1.454	1.104	24.1	87	0.00
12		Methyl Acetate	2.564	2.326	9.3	87	0.00
13	M	Acrolein	0.397	0.388	2.3	104	0.00
14	M	Acrylonitrile	1.237	1.090	11.9	85	0.00
15	M	Acetone	0.362	0.321	11.3	83	0.00
16	M	Carbon Disulfide	4.945	4.789	3.2	93	0.00
17		Allyl chloride	2.976	2.794	6.1	90	0.00
18	M	Methylene Chloride	2.005	1.875	6.5	91	0.00
19	M	trans-1,2-Dichloroethene	1.824	1.714	6.0	89	0.00
20	T	Diisopropyl ether	6.776	6.402	5.5	90	0.00
21	M	1,1-Dichloroethane	3.528	3.393	3.8	92	0.00
22	M	cis-1,2-Dichloroethene	2.283	2.156	5.6	90	0.00
23	M	tert-Butyl Alcohol	0.496	0.422	14.9	81	-0.02
24	M	Methyl tert-Butyl Ether	6.809	6.338	6.9	90	0.00
25	M	Chloroform	3.640	3.417	6.1	90	0.00
26		Cyclohexane	2.923	2.848	2.6	91	0.00
27	s	1,2-Dichloroethane-d4	2.336	2.340	-0.2	96	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
29		1,1-Dichloropropene	0.430	0.437	-1.6	95	0.00
30	M	2-Butanone	0.317	0.288	9.1	84	0.00
31		2,2-Dichloropropane	0.554	0.545	1.6	91	0.00
32	M	1,1,1-Trichloroethane	0.537	0.535	0.4	91	0.00
33	M	Carbon Tetrachloride	0.450	0.449	0.2	93	0.00
34	M	Benzene	1.426	1.378	3.4	90	0.00
35		Methacrylonitrile	0.334	0.295	11.7	81	0.00
36	M	1,2-Dichloroethane	0.495	0.488	1.4	91	0.00
37	M	Trichloroethene	0.338	0.331	2.1	91	0.00
38		Methylcyclohexane	0.531	0.537	-1.1	94	0.00
39	M	1,2-Dichloropropane	0.358	0.345	3.6	90	0.00
40		Dibromomethane	0.260	0.254	2.3	90	0.00
41	M	Bromodichloromethane	0.532	0.509	4.3	90	0.00
42	M	Vinyl Acetate	1.080	1.081	-0.1	98	0.00
43		Ethyl Acetate	0.610	0.554	9.2	83	0.00
44		Isopropyl Acetate	0.996	0.927	6.9	87	0.00
45	T	1,4-Dioxane	0.007	0.006	14.3	80	0.00
46		Methyl methacrylate	0.439	0.423	3.6	101	0.00
47		n-amyl Acetate	0.472	0.513	-8.7	102	0.02
48	M	t-1,3-Dichloropropene	0.591	0.561	5.1	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.617	0.587	4.9	89	0.00
50	M	1,1,2-Trichloroethane	0.345	0.332	3.8	90	0.00
51		Ethyl methacrylate	0.583	0.541	7.2	90	0.00
52		1,3-Dichloropropane	0.601	0.585	2.7	90	0.00
53	M	Dibromochloromethane	0.412	0.393	4.6	90	0.00
54	M	1,2-Dibromoethane	0.369	0.345	6.5	88	0.00
55	M	2-Chloroethyl vinyl ether	0.315	0.277	12.1	80	0.00
56	M	Bromoform	0.279	0.246	11.8	85	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58	M	4-Methyl-2-Pentanone	0.671	0.617	8.0	85	0.00
59	M	2-Hexanone	0.443	0.416	6.1	88	0.00
60	S	4-Bromofluorobenzene	0.495	0.488	1.4	91	0.00
61	M	Tetrachloroethene	0.304	0.291	4.3	88	0.00
62	M	Toluene	1.702	1.655	2.8	90	0.00
63	S	Toluene-d8	1.337	1.371	-2.5	95	0.00
64	M	Chlorobenzene	1.087	1.045	3.9	89	0.00
65		1,1,1,2-Tetrachloroethane	0.375	0.365	2.7	89	0.00
66	M	Ethyl Benzene	1.850	1.811	2.1	91	0.00
67	M	m/p-Xylenes	0.713	0.691	3.1	90	0.00
68	M	o-Xylene	0.710	0.695	2.1	91	0.00
69	M	Styrene	1.175	1.128	4.0	92	0.00
70		Isopropylbenzene	1.740	1.715	1.4	93	0.00
71	M	1,1,2,2-Tetrachloroethane	0.590	0.550	6.8	88	0.00
72		1,2,3-Trichloropropane	0.548	0.521	4.9	93	0.00
73		Bromobenzene	0.425	0.396	6.8	86	0.00
74		n-propylbenzene	2.101	2.044	2.7	91	0.00
75		2-Chlorotoluene	1.285	1.243	3.3	91	0.00
76		1,3,5-Trimethylbenzene	1.478	1.452	1.8	92	0.00
77		t-1,4-Dichloro-2-butene	0.218	0.186	14.7	88	0.00
78		4-Chlorotoluene	1.305	1.238	5.1	89	0.00
79		tert-butylbenzene	1.282	1.276	0.5	92	0.00
80		1,2,4-Trimethylbenzene	1.480	1.448	2.2	91	0.00
81		sec-Butylbenzene	1.802	1.783	1.1	92	0.00
82		p-Isopropyltoluene	1.538	1.506	2.1	91	0.00
83	M	1,3-Dichlorobenzene	0.800	0.769	3.9	89	0.00
84	M	1,4-Dichlorobenzene	0.825	0.778	5.7	87	0.00
85		n-Butylbenzene	1.431	1.410	1.5	91	0.00
86	T	Hexachloroethane	0.308	0.280	9.1	86	0.00
87	M	1,2-Dichlorobenzene	0.787	0.745	5.3	88	0.00
88		1,2-Dibromo-3-Chloropropane	0.136	0.122	10.3	81	0.00
89		1,2,4-Trichlorobenzene	0.469	0.423	9.8	84	0.00
90		Hexachlorobutadiene	0.163	0.152	6.7	89	0.00
91	M	Naphthalene	1.717	1.570	8.6	85	0.00
92		1,2,3-Trichlorobenzene	0.469	0.423	9.8	84	0.00

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