Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091225\
Data File : VN087811.D
Acq On : 12 Sep 2025 10:04
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 12 22:49:07 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	142	0.00
2	M	Dichlorodifluoromethane	1.865	1.614	13.5	131	0.00
3	M	Chloromethane	1.957	1.569	19.8	124	0.00
4	M	Vinyl Chloride	2.213	1.815	18.0	129	0.00
5	M	Bromomethane	1.298	0.863	33.5#	111	0.00
6	M	Chloroethane	1.512	1.146	24.2	120	0.00
7	M	Trichlorofluoromethane	3.243	2.751	15.2	135	0.00
8	T	Diethyl Ether	1.370	1.068	22.0	130	0.01
9		1,1,2-Trichlorotrifluoroeth	1.757	1.483	15.6	132	0.00
10	M	1,1-Dichloroethene	1.811	1.473	18.7	133	0.00
11		Methyl Iodide	1.282	0.747	41.7#	113	0.00
12		Methyl Acetate	2.792	2.322	16.8	130	0.00
13	M	Acrolein	0.497	0.474	4.6	156#	0.00
14	M	Acrylonitrile	1.202	0.967	19.6	131	-0.01
15	M	Acetone	0.375	0.317	15.5	141	-0.01
16	M	Carbon Disulfide	4.972	4.263	14.3	139	0.00
17		Allyl chloride	2.958	2.436	17.6	136	0.00
18	M	Methylene Chloride	2.052	1.712	16.6	138	0.00
19	M	trans-1,2-Dichloroethene	1.847	1.549	16.1	133	0.00
20	T	Diisopropyl ether	6.802	5.379	20.9	129	0.00
21	M	1,1-Dichloroethane	3.725	3.057	17.9	132	0.00
22	M	cis-1,2-Dichloroethene	2.242	1.822	18.7	130	0.00
23	M	tert-Butyl Alcohol	0.425	0.335	21.2	124	0.00
24	M	Methyl tert-Butyl Ether	6.466	5.329	17.6	137	0.00
25	M	Chloroform	3.899	3.225	17.3	131	0.00
26		Cyclohexane	2.837	2.344	17.4	136	-0.01
27	s	1,2-Dichloroethane-d4	2.563	2.485	3.0	141	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	143	0.00
29		1,1-Dichloropropene	0.488	0.405	17.0	130	0.00
30	M	2-Butanone	0.336	0.282	16.1	133	0.00
31		2,2-Dichloropropane	0.588	0.534	9.2	155#	0.00
32	M	1,1,1-Trichloroethane	0.618	0.524	15.2	129	0.00
33	M	Carbon Tetrachloride	0.515	0.434	15.7	134	0.00
34	M	Benzene	1.576	1.323	16.1	132	0.00
35		Methacrylonitrile	0.351	0.311	11.4	130	0.00
36	M	1,2-Dichloroethane	0.595	0.502	15.6	130	0.00
37	M	Trichloroethene	0.352	0.313	11.1	139	0.00
38		Methylcyclohexane	0.537	0.464	13.6	140	0.00
39	M	1,2-Dichloropropane	0.404	0.337	16.6	129	0.00
40		Dibromomethane	0.300	0.263	12.3	137	0.00
41	M	Bromodichloromethane	0.614	0.533	13.2	134	0.00
42	M	Vinyl Acetate	1.122	0.893	20.4	128	0.00
43		Ethyl Acetate	0.686	0.580	15.5	129	0.00
44		Isopropyl Acetate	1.076	0.867	19.4	125	0.00
45	T	1,4-Dioxane	0.007	0.006	14.3	131	0.00
46		Methyl methacrylate	0.496	0.338	31.9#	109	0.00
47		n-amyl Acetate	0.727	0.474	34.8#	131	-0.13
48	M	t-1,3-Dichloropropene	0.638	0.527	17.4	136	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.653	0.549	15.9	139	0.00
50	M	1,1,2-Trichloroethane	0.388	0.342	11.9	139	0.00
51		Ethyl methacrylate	0.604	0.462	23.5	129	0.00
52		1,3-Dichloropropane	0.674	0.572	15.1	132	0.00
53	M	Dibromochloromethane	0.435	0.378	13.1	147	0.00
54	M	1,2-Dibromoethane	0.404	0.337	16.6	133	0.00
55	M	2-Chloroethyl vinyl ether	0.346	0.323	6.6	145	0.00
56	M	Bromoform	0.284	0.237	16.5	140	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	145	0.00
58	M	4-Methyl-2-Pentanone	0.709	0.587	17.2	130	0.00
59	M	2-Hexanone	0.464	0.371	20.0	128	0.00
60	S	4-Bromofluorobenzene	0.482	0.491	-1.9	145	0.00
61	M	Tetrachloroethene	0.299	0.271	9.4	140	0.00
62	M	Toluene	1.815	1.521	16.2	132	0.00
63	S	Toluene-d8	1.395	1.380	1.1	141	0.00
64	M	Chlorobenzene	1.114	0.953	14.5	137	0.00
65		1,1,1,2-Tetrachloroethane	0.392	0.350	10.7	143	0.00
66	M	Ethyl Benzene	1.958	1.644	16.0	136	0.00
67	M	m/p-Xylenes	0.727	0.608	16.4	137	0.00
68	M	o-Xylene	0.705	0.596	15.5	135	0.00
69	M	Styrene	1.225	0.998	18.5	134	0.00
70		Isopropylbenzene	1.787	1.513	15.3	141	0.00
71	M	1,1,2,2-Tetrachloroethane	0.642	0.544	15.3	130	0.00
72		1,2,3-Trichloropropane	0.631	0.511	19.0	116	0.00
73		Bromobenzene	0.437	0.374	14.4	137	0.00
74		n-propylbenzene	2.254	1.923	14.7	138	0.00
75		2-Chlorotoluene	1.357	1.133	16.5	132	0.00
76		1,3,5-Trimethylbenzene	1.509	1.280	15.2	137	0.00
77		t-1,4-Dichloro-2-butene	0.213	0.153	28.2#	121	0.00
78		4-Chlorotoluene	1.368	1.135	17.0	130	0.00
79		tert-butylbenzene	1.263	1.094	13.4	140	0.00
80		1,2,4-Trimethylbenzene	1.547	1.318	14.8	136	0.00
81		sec-Butylbenzene	1.858	1.631	12.2	141	0.00
82		p-Isopropyltoluene	1.531	1.348	12.0	143	0.00
83	M	1,3-Dichlorobenzene	0.843	0.748	11.3	137	0.00
84	M	1,4-Dichlorobenzene	0.845	0.753	10.9	140	0.00
85		n-Butylbenzene	1.472	1.323	10.1	149	0.00
86	T	Hexachloroethane	0.311	0.270	13.2	136	0.00
87	M	1,2-Dichlorobenzene	0.795	0.722	9.2	142	0.00
88		1,2-Dibromo-3-Chloropropane	0.143	0.113	21.0	117	0.00
89		1,2,4-Trichlorobenzene	0.452	0.402	11.1	145	0.00
90		Hexachlorobutadiene	0.152	0.163	-7.2	162#	0.00
91	M	Naphthalene	1.664	1.347	19.1	135	0.00
92		1,2,3-Trichlorobenzene	0.452	0.402	11.1	145	0.00

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