Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087731.D
Acq On : 04 Sep 2025 18:28
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

Quant Time: Sep 05 03:32:36 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	107	0.00
2	M	Dichlorodifluoromethane	1.865	1.713	8.2	105	0.00
3	M	Chloromethane	1.957	1.766	9.8	106	0.00
4	M	Vinyl Chloride	2.213	1.936	12.5	104	0.00
5	M	Bromomethane	1.298	1.158	10.8	112	0.01
6	M	Chloroethane	1.512	1.292	14.6	102	0.00
7	M	Trichlorofluoromethane	3.243	2.785	14.1	103	0.00
8	T	Diethyl Ether	1.370	1.207	11.9	111	0.00
9		1,1,2-Trichlorotrifluoroeth	1.757	1.510	14.1	102	0.00
10	M	1,1-Dichloroethene	1.811	1.584	12.5	108	0.00
11		Methyl Iodide	1.282	0.968	24.5	111	0.01
12		Methyl Acetate	2.792	2.549	8.7	108	0.00
13	M	Acrolein	0.497	0.453	8.9	113	0.00
14	M	Acrylonitrile	1.202	1.062	11.6	108	0.00
15	M	Acetone	0.375	0.317	15.5	107	0.00
16	M	Carbon Disulfide	4.972	4.458	10.3	110	0.00
17		Allyl chloride	2.958	2.524	14.7	107	0.00
18	M	Methylene Chloride	2.052	1.826	11.0	111	0.00
19	M	trans-1,2-Dichloroethene	1.847	1.624	12.1	105	0.00
20	T	Diisopropyl ether	6.802	5.657	16.8	102	0.00
21	M	1,1-Dichloroethane	3.725	3.283	11.9	107	0.00
22	M	cis-1,2-Dichloroethene	2.242	1.939	13.5	105	0.00
23	M	tert-Butyl Alcohol	0.425	0.382	10.1	107	-0.01
24	M	Methyl tert-Butyl Ether	6.466	5.592	13.5	108	0.00
25	M	Chloroform	3.899	3.382	13.3	104	0.00
26		Cyclohexane	2.837	2.462	13.2	108	0.00
27	s	1,2-Dichloroethane-d4	2.563	2.583	-0.8	110	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29		1,1-Dichloropropene	0.488	0.417	14.5	104	0.00
30	M	2-Butanone	0.336	0.295	12.2	109	0.00
31		2,2-Dichloropropane	0.588	0.500	15.0	112	0.00
32	M	1,1,1-Trichloroethane	0.618	0.545	11.8	105	0.00
33	M	Carbon Tetrachloride	0.515	0.443	14.0	106	0.00
34	M	Benzene	1.576	1.392	11.7	108	0.00
35		Methacrylonitrile	0.351	0.326	7.1	105	0.00
36	M	1,2-Dichloroethane	0.595	0.523	12.1	105	0.00
37	M	Trichloroethene	0.352	0.292	17.0	101	0.00
38		Methylcyclohexane	0.537	0.449	16.4	105	0.00
39	M	1,2-Dichloropropane	0.404	0.348	13.9	104	0.00
40		Dibromomethane	0.300	0.269	10.3	109	0.00
41	M	Bromodichloromethane	0.614	0.533	13.2	104	0.00
42	M	Vinyl Acetate	1.122	0.990	11.8	110	0.00
43		Ethyl Acetate	0.686	0.594	13.4	102	0.00
44		Isopropyl Acetate	1.076	0.938	12.8	105	0.00
45	T	1,4-Dioxane	0.007	0.006	14.3	100	0.00
46		Methyl methacrylate	0.496	0.432	12.9	109	0.00
47		n-amyl Acetate	0.727	0.551	24.2	119	-0.10
48	M	t-1,3-Dichloropropene	0.638	0.545	14.6	109	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.653	0.563	13.8	111	0.00
50	M	1,1,2-Trichloroethane	0.388	0.342	11.9	108	0.00
51		Ethyl methacrylate	0.604	0.523	13.4	114	0.00
52		1,3-Dichloropropane	0.674	0.596	11.6	107	0.00
53	M	Dibromochloromethane	0.435	0.377	13.3	114	0.00
54	M	1,2-Dibromoethane	0.404	0.348	13.9	107	0.00
55	M	2-Chloroethyl vinyl ether	0.346	0.298	13.9	104	0.00
56	M	Bromoform	0.284	0.249	12.3	115	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
58	M	4-Methyl-2-Pentanone	0.709	0.625	11.8	107	0.00
59	M	2-Hexanone	0.464	0.395	14.9	105	0.00
60	S	4-Bromofluorobenzene	0.482	0.470	2.5	107	0.00
61	M	Tetrachloroethene	0.299	0.262	12.4	105	0.00
62	M	Toluene	1.815	1.618	10.9	108	0.00
63	S	Toluene-d8	1.395	1.380	1.1	109	0.00
64	M	Chlorobenzene	1.114	0.968	13.1	107	0.00
65		1,1,1,2-Tetrachloroethane	0.392	0.335	14.5	106	0.00
66	M	Ethyl Benzene	1.958	1.699	13.2	109	0.00
67	M	m/p-Xylenes	0.727	0.628	13.6	109	0.00
68	M	o-Xylene	0.705	0.612	13.2	107	0.00
69	M	Styrene	1.225	1.029	16.0	107	0.00
70		Isopropylbenzene	1.787	1.521	14.9	109	0.00
71	M	1,1,2,2-Tetrachloroethane	0.642	0.569	11.4	105	0.00
72		1,2,3-Trichloropropane	0.631	0.536	15.1	93	0.00
73		Bromobenzene	0.437	0.375	14.2	106	0.00
74		n-propylbenzene	2.254	1.932	14.3	107	0.00
75		2-Chlorotoluene	1.357	1.165	14.1	105	0.00
76		1,3,5-Trimethylbenzene	1.509	1.312	13.1	108	0.00
77		t-1,4-Dichloro-2-butene	0.213	0.162	23.9	99	0.00
78		4-Chlorotoluene	1.368	1.250	8.6	111	0.00
79		tert-butylbenzene	1.263	1.102	12.7	108	0.00
80		1,2,4-Trimethylbenzene	1.547	1.327	14.2	105	0.00
81		sec-Butylbenzene	1.858	1.615	13.1	107	0.00
82		p-Isopropyltoluene	1.531	1.327	13.3	109	0.00
83	M	1,3-Dichlorobenzene	0.843	0.719	14.7	102	0.00
84	M	1,4-Dichlorobenzene	0.845	0.730	13.6	105	0.00
85		n-Butylbenzene	1.472	1.280	13.0	111	0.00
86	T	Hexachloroethane	0.311	0.280	10.0	109	0.00
87	M	1,2-Dichlorobenzene	0.795	0.716	9.9	109	0.00
88		1,2-Dibromo-3-Chloropropane	0.143	0.130	9.1	104	0.00
89		1,2,4-Trichlorobenzene	0.452	0.396	12.4	110	0.00
90		Hexachlorobutadiene	0.152	0.138	9.2	106	0.00
91	M	Naphthalene	1.664	1.414	15.0	109	0.00
92		1,2,3-Trichlorobenzene	0.452	0.396	12.4	110	0.00

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