Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087458.D
Acq On : 05 Aug 2025 15:43
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080525

Quant Time: Aug 06 02:12:31 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	112	0.00
2	M	Dichlorodifluoromethane	1.959	1.833	6.4	99	0.00
3	M	Chloromethane	2.010	1.792	10.8	93	0.00
4	M	Vinyl Chloride	2.131	2.045	4.0	100	0.00
5	M	Bromomethane	1.154	1.126	2.4	109	0.00
6	M	Chloroethane	1.374	1.238	9.9	96	0.00
7	M	Trichlorofluoromethane	3.067	2.794	8.9	97	0.00
8	T	Diethyl Ether	1.278	1.171	8.4	99	0.00
9		1,1,2-Trichlorotrifluoroeth	1.564	1.436	8.2	101	0.00
10	M	1,1-Dichloroethene	1.643	1.491	9.3	96	0.00
11		Methyl Iodide	1.294	1.003	22.5	104	0.00
12		Methyl Acetate	3.032	2.794	7.8	101	0.00
13	M	Acrolein	0.463	0.480	-3.7	116	0.00
14	M	Acrylonitrile	1.324	1.203	9.1	99	0.00
15	M	Acetone	0.378	0.371	1.9	99	0.00
16	M	Carbon Disulfide	5.097	4.594	9.9	99	0.00
17		Allyl chloride	3.349	3.129	6.6	104	0.00
18	M	Methylene Chloride	2.115	1.945	8.0	100	0.00
19	M	trans-1,2-Dichloroethene	1.954	1.749	10.5	97	0.00
20	T	Diisopropyl ether	7.629	6.835	10.4	98	0.00
21	M	1,1-Dichloroethane	3.944	3.576	9.3	96	0.00
22	M	cis-1,2-Dichloroethene	2.404	2.167	9.9	97	0.00
23	M	tert-Butyl Alcohol	0.563	0.535	5.0	105	0.01
24	M	Methyl tert-Butyl Ether	7.487	6.782	9.4	99	0.00
25	M	Chloroform	4.116	3.709	9.9	98	0.00
26		Cyclohexane	3.157	2.838	10.1	95	0.00
27	s	1,2-Dichloroethane-d4	2.767	2.817	-1.8	111	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
29		1,1-Dichloropropene	0.489	0.436	10.8	98	0.00
30	M	2-Butanone	0.361	0.323	10.5	98	0.00
31		2,2-Dichloropropane	0.631	0.588	6.8	101	0.00
32	M	1,1,1-Trichloroethane	0.624	0.561	10.1	100	0.00
33	M	Carbon Tetrachloride	0.518	0.461	11.0	98	0.00
34	M	Benzene	1.545	1.395	9.7	100	0.00
35		Methacrylonitrile	0.389	0.353	9.3	98	0.00
36	M	1,2-Dichloroethane	0.624	0.559	10.4	97	0.00
37	M	Trichloroethene	0.340	0.307	9.7	98	0.00
38		Methylcyclohexane	0.568	0.508	10.6	98	0.00
39	M	1,2-Dichloropropane	0.396	0.352	11.1	97	0.00
40		Dibromomethane	0.297	0.257	13.5	94	0.00
41	M	Bromodichloromethane	0.617	0.543	12.0	99	0.00
42	M	Vinyl Acetate	1.188	1.056	11.1	96	0.00
43		Ethyl Acetate	0.697	0.637	8.6	100	0.00
44		Isopropyl Acetate	1.181	1.033	12.5	96	0.00
45	T	1,4-Dioxane	0.008	0.007	12.5	101	0.00
46		Methyl methacrylate	0.558	0.473	15.2	93	0.00
47		n-amyl Acetate	0.652	0.542	16.9	106	0.00
48	M	t-1,3-Dichloropropene	0.672	0.585	12.9	97	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.676	0.602	10.9	100	0.00
50	M	1,1,2-Trichloroethane	0.375	0.334	10.9	98	0.00
51		Ethyl methacrylate	0.661	0.571	13.6	96	0.00
52		1,3-Dichloropropane	0.676	0.597	11.7	97	0.00
53	M	Dibromochloromethane	0.434	0.378	12.9	98	0.00
54	M	1,2-Dibromoethane	0.399	0.348	12.8	96	0.00
55	M	2-Chloroethyl vinyl ether	0.348	0.329	5.5	104	0.00
56	M	Bromoform	0.287	0.244	15.0	97	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
58	M	4-Methyl-2-Pentanone	0.772	0.693	10.2	97	0.00
59	M	2-Hexanone	0.524	0.465	11.3	99	0.00
60	S	4-Bromofluorobenzene	0.516	0.523	-1.4	113	0.00
61	M	Tetrachloroethene	0.292	0.264	9.6	101	0.00
62	M	Toluene	1.852	1.655	10.6	97	0.00
63	S	Toluene-d8	1.380	1.396	-1.2	113	0.00
64	M	Chlorobenzene	1.138	1.013	11.0	98	0.00
65		1,1,1,2-Tetrachloroethane	0.400	0.349	12.8	97	0.00
66	M	Ethyl Benzene	2.064	1.846	10.6	98	0.00
67	M	m/p-Xylenes	0.758	0.660	12.9	96	0.00
68	M	o-Xylene	0.745	0.649	12.9	97	0.00
69	M	Styrene	1.273	1.098	13.7	95	0.00
70		Isopropylbenzene	1.893	1.685	11.0	98	0.00
71	M	1,1,2,2-Tetrachloroethane	0.649	0.574	11.6	95	0.00
72		1,2,3-Trichloropropane	0.604	0.492	18.5	97	0.00
73		Bromobenzene	0.439	0.371	15.5	95	0.00
74		n-propylbenzene	2.365	2.127	10.1	99	0.00
75		2-Chlorotoluene	1.455	1.288	11.5	97	0.00
76		1,3,5-Trimethylbenzene	1.621	1.456	10.2	98	0.00
77		t-1,4-Dichloro-2-butene	0.229	0.193	15.7	100	0.00
78		4-Chlorotoluene	1.474	1.337	9.3	102	0.00
79		tert-butylbenzene	1.367	1.221	10.7	98	0.00
80		1,2,4-Trimethylbenzene	1.620	1.463	9.7	100	0.00
81		sec-Butylbenzene	1.990	1.827	8.2	100	0.00
82		p-Isopropyltoluene	1.652	1.501	9.1	99	0.00
83	M	1,3-Dichlorobenzene	0.836	0.763	8.7	100	0.00
84	M	1,4-Dichlorobenzene	0.847	0.770	9.1	99	0.00
85		n-Butylbenzene	1.616	1.510	6.6	102	0.00
86	T	Hexachloroethane	0.323	0.284	12.1	98	0.00
87	M	1,2-Dichlorobenzene	0.798	0.729	8.6	100	0.00
88		1,2-Dibromo-3-Chloropropane	0.164	0.147	10.4	97	0.00
89		1,2,4-Trichlorobenzene	0.477	0.439	8.0	103	0.00
90		Hexachlorobutadiene	0.185	0.173	6.5	103	0.00
91	M	Naphthalene	1.818	1.652	9.1	101	0.00
92		1,2,3-Trichlorobenzene	0.477	0.439	8.0	103	0.00

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