Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
Data File : VN088469.D
Acq On : 05 Dec 2025 14:55
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Dec 05 23:39:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 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	99	0.00
2	M	Dichlorodifluoromethane	2.109	1.641	22.2	69	0.00
3	M	Chloromethane	2.174	1.901	12.6	82	0.00
4	M	Vinyl Chloride	2.299	1.862	19.0	77	0.00
5	M	Bromomethane	1.226	0.811	33.8#	66	0.00
6	M	Chloroethane	1.421	1.285	9.6	85	0.00
7	M	Trichlorofluoromethane	3.223	2.667	17.3	77	0.00
8	T	Diethyl Ether	1.205	1.174	2.6	97	0.00
9		1,1,2-Trichlorotrifluoroeth	1.691	1.390	17.8	77	-0.01
10	M	1,1-Dichloroethene	1.650	1.370	17.0	78	0.00
11		Methyl Iodide	1.756	1.112	36.7#	63	0.00
12		Methyl Acetate	2.661	2.794	-5.0	102	0.00
13	M	Acrolein	0.392	0.405	-3.3	114	0.00
14	M	Acrylonitrile	1.209	1.161	4.0	94	0.00
15	M	Acetone	0.354	0.339	4.2	93	0.00
16	M	Carbon Disulfide	5.564	4.550	18.2	76	0.00
17		Allyl chloride	3.206	2.675	16.6	80	0.00
18	M	Methylene Chloride	2.050	1.969	4.0	93	0.00
19	M	trans-1,2-Dichloroethene	1.921	1.597	16.9	78	0.00
20	T	Diisopropyl ether	6.850	6.965	-1.7	99	0.00
21	M	1,1-Dichloroethane	3.859	3.631	5.9	90	0.00
22	M	cis-1,2-Dichloroethene	2.233	2.066	7.5	90	0.00
23	M	tert-Butyl Alcohol	0.445	0.358	19.6	82	-0.02
24	M	Methyl tert-Butyl Ether	6.651	6.512	2.1	97	0.00
25	M	Chloroform	3.824	3.751	1.9	96	0.00
26		Cyclohexane	3.260	2.215	32.1#	62	-0.01
27	s	1,2-Dichloroethane-d4	2.740	2.929	-6.9	106	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
29		1,1-Dichloropropene	0.501	0.477	4.8	80	0.00
30	M	2-Butanone	0.324	0.340	-4.9	93	-0.01
31		2,2-Dichloropropane	0.617	0.611	1.0	84	0.00
32	M	1,1,1-Trichloroethane	0.617	0.619	-0.3	85	0.00
33	M	Carbon Tetrachloride	0.527	0.496	5.9	80	0.00
34	M	Benzene	1.496	1.549	-3.5	88	0.00
35		Methacrylonitrile	0.338	0.361	-6.8	95	0.00
36	M	1,2-Dichloroethane	0.582	0.680	-16.8	101	0.00
37	M	Trichloroethene	0.339	0.333	1.8	84	0.00
38		Methylcyclohexane	0.574	0.402	30.0#	58	0.00
39	M	1,2-Dichloropropane	0.386	0.426	-10.4	96	0.00
40		Dibromomethane	0.277	0.314	-13.4	97	0.00
41	M	Bromodichloromethane	0.558	0.645	-15.6	103	0.00
42	M	Vinyl Acetate	1.081	1.282	-18.6	104	0.00
43		Ethyl Acetate	0.651	0.704	-8.1	93	0.00
44		Isopropyl Acetate	1.004	1.101	-9.7	96	0.00
45	T	1,4-Dioxane	0.006	0.006	0.0	82	0.00
46		Methyl methacrylate	0.470	0.470	0.0	90	0.00
47		n-amyl Acetate	0.509	0.568	-11.6	106	-0.12
48	M	t-1,3-Dichloropropene	0.597	0.600	-0.5	92	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.621	0.659	-6.1	92	0.00
50	M	1,1,2-Trichloroethane	0.343	0.396	-15.5	101	0.00
51		Ethyl methacrylate	0.564	0.591	-4.8	97	0.00
52		1,3-Dichloropropane	0.625	0.695	-11.2	97	0.00
53	M	Dibromochloromethane	0.394	0.434	-10.2	98	0.00
54	M	1,2-Dibromoethane	0.356	0.380	-6.7	95	0.00
55	M	2-Chloroethyl vinyl ether	0.325	0.319	1.8	89	0.00
56	M	Bromoform	0.249	0.262	-5.2	96	-0.01
57	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
58	M	4-Methyl-2-Pentanone	0.679	0.738	-8.7	99	0.00
59	M	2-Hexanone	0.451	0.469	-4.0	99	0.00
60	S	4-Bromofluorobenzene	0.507	0.509	-0.4	94	0.00
61	M	Tetrachloroethene	0.309	0.290	6.1	81	0.00
62	M	Toluene	1.722	1.725	-0.2	89	0.00
63	S	Toluene-d8	1.420	1.438	-1.3	91	0.00
64	M	Chlorobenzene	1.066	1.047	1.8	90	0.00
65		1,1,1,2-Tetrachloroethane	0.365	0.384	-5.2	95	0.00
66	M	Ethyl Benzene	1.897	1.726	9.0	82	0.00
67	M	m/p-Xylenes	0.710	0.670	5.6	85	0.00
68	M	o-Xylene	0.669	0.616	7.9	85	0.00
69	M	Styrene	1.137	1.068	6.1	88	0.00
70		Isopropylbenzene	1.774	1.527	13.9	78	0.00
71	M	1,1,2,2-Tetrachloroethane	0.575	0.590	-2.6	94	0.00
72		1,2,3-Trichloropropane	0.557	0.558	-0.2	100	0.00
73		Bromobenzene	0.400	0.403	-0.8	93	0.00
74		n-propylbenzene	2.195	1.914	12.8	78	0.00
75		2-Chlorotoluene	1.335	1.203	9.9	82	0.00
76		1,3,5-Trimethylbenzene	1.489	1.300	12.7	79	0.00
77		t-1,4-Dichloro-2-butene	0.191	0.174	8.9	89	0.00
78		4-Chlorotoluene	1.353	1.266	6.4	85	0.00
79		tert-butylbenzene	1.275	1.029	19.3	74	0.00
80		1,2,4-Trimethylbenzene	1.481	1.316	11.1	82	0.00
81		sec-Butylbenzene	1.859	1.478	20.5	71	0.00
82		p-Isopropyltoluene	1.536	1.232	19.8	72	0.00
83	M	1,3-Dichlorobenzene	0.778	0.751	3.5	87	0.00
84	M	1,4-Dichlorobenzene	0.788	0.742	5.8	87	0.00
85		n-Butylbenzene	1.464	1.107	24.4	66	0.00
86	T	Hexachloroethane	0.294	0.221	24.8	69	0.00
87	M	1,2-Dichlorobenzene	0.734	0.691	5.9	85	0.00
88		1,2-Dibromo-3-Chloropropane	0.135	0.126	6.7	90	0.00
89		1,2,4-Trichlorobenzene	0.412	0.356	13.6	81	0.00
90		Hexachlorobutadiene	0.160	0.121	24.4	67	0.00
91	M	Naphthalene	1.491	1.260	15.5	80	0.00
92		1,2,3-Trichlorobenzene	0.412	0.356	13.6	81	0.00

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