Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
Data File : VN087437.D
Acq On : 30 Jul 2025 09:19
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jul 31 01:10:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 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	52	0.00
2	M	Dichlorodifluoromethane	1.750	1.571	10.2	45#	0.00
3	M	Chloromethane	1.858	1.670	10.1	47#	0.00
4	M	Vinyl Chloride	1.880	1.605	14.6	45#	0.00
5	M	Bromomethane	0.917	0.757	17.4	44#	0.00
6	M	Chloroethane	1.060	1.021	3.7	50#	0.00
7	M	Trichlorofluoromethane	2.365	2.277	3.7	51	0.00
8	T	Diethyl Ether	0.987	1.013	-2.6	53	0.00
9		1,1,2-Trichlorotrifluoroeth	1.290	1.212	6.0	50#	0.00
10	M	1,1-Dichloroethene	1.283	1.274	0.7	51	0.00
11		Methyl Iodide	1.162	0.752	35.3#	44#	0.00
12		Methyl Acetate	2.798	2.764	1.2	52	0.00
13	M	Acrolein	0.228	0.304	-33.3#	88	-0.01
14	M	Acrylonitrile	1.213	1.149	5.3	49#	0.00
15	M	Acetone	0.281	0.339	-20.6	60	-0.01
16	M	Carbon Disulfide	4.561	3.670	19.5	43#	0.00
17		Allyl chloride	2.990	2.740	8.4	48#	0.00
18	M	Methylene Chloride	1.932	1.667	13.7	45#	0.00
19	M	trans-1,2-Dichloroethene	1.823	1.519	16.7	45#	0.00
20	T	Diisopropyl ether	6.804	6.466	5.0	49#	0.00
21	M	1,1-Dichloroethane	3.448	3.177	7.9	48#	0.00
22	M	cis-1,2-Dichloroethene	2.216	1.978	10.7	47#	0.00
23	M	tert-Butyl Alcohol	0.470	0.455	3.2	51	0.00
24	M	Methyl tert-Butyl Ether	6.367	5.882	7.6	49#	0.00
25	M	Chloroform	3.481	3.194	8.2	49#	0.00
26		Cyclohexane	3.185	2.645	17.0	44#	0.00
27	s	1,2-Dichloroethane-d4	2.294	2.443	-6.5	56	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	53	0.00
29		1,1-Dichloropropene	0.426	0.371	12.9	46#	0.00
30	M	2-Butanone	0.309	0.303	1.9	51	0.00
31		2,2-Dichloropropane	0.531	0.474	10.7	46#	0.00
32	M	1,1,1-Trichloroethane	0.512	0.447	12.7	46#	0.00
33	M	Carbon Tetrachloride	0.422	0.368	12.8	46#	0.00
34	M	Benzene	1.393	1.246	10.6	47#	0.00
35		Methacrylonitrile	0.353	0.326	7.6	49#	0.00
36	M	1,2-Dichloroethane	0.464	0.433	6.7	49#	0.00
37	M	Trichloroethene	0.318	0.274	13.8	46#	0.00
38		Methylcyclohexane	0.549	0.431	21.5	42#	0.00
39	M	1,2-Dichloropropane	0.351	0.327	6.8	50	0.00
40		Dibromomethane	0.249	0.235	5.6	52	0.00
41	M	Bromodichloromethane	0.501	0.474	5.4	52	0.00
42	M	Vinyl Acetate	1.038	0.975	6.1	50	0.00
43		Ethyl Acetate	0.633	0.593	6.3	46#	0.00
44		Isopropyl Acetate	1.011	0.997	1.4	52	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	53	0.00
46		Methyl methacrylate	0.471	0.439	6.8	52	0.00
47		n-amyl Acetate	0.417	0.401	3.8	85	0.00
48	M	t-1,3-Dichloropropene	0.564	0.525	6.9	52	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.592	0.544	8.1	51	0.00
50	M	1,1,2-Trichloroethane	0.331	0.300	9.4	50	0.00
51		Ethyl methacrylate	0.600	0.557	7.2	52	0.00
52		1,3-Dichloropropane	0.572	0.539	5.8	53	0.00
53	M	Dibromochloromethane	0.380	0.355	6.6	53	0.00
54	M	1,2-Dibromoethane	0.348	0.323	7.2	52	0.00
55	M	2-Chloroethyl vinyl ether	0.247	0.319	-29.1#	66	0.00
56	M	Bromoform	0.267	0.228	14.6	48#	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	57	0.00
58	M	4-Methyl-2-Pentanone	0.676	0.668	1.2	55	0.00
59	M	2-Hexanone	0.468	0.446	4.7	54	0.00
60	S	4-Bromofluorobenzene	0.493	0.476	3.4	55	0.00
61	M	Tetrachloroethene	0.285	0.240	15.8	49#	0.00
62	M	Toluene	1.693	1.493	11.8	51	0.00
63	S	Toluene-d8	1.378	1.395	-1.2	58	0.00
64	M	Chlorobenzene	1.041	0.909	12.7	50	0.00
65		1,1,1,2-Tetrachloroethane	0.353	0.323	8.5	51	0.00
66	M	Ethyl Benzene	1.850	1.642	11.2	50#	0.00
67	M	m/p-Xylenes	0.693	0.610	12.0	50#	0.00
68	M	o-Xylene	0.678	0.612	9.7	50#	0.00
69	M	Styrene	1.160	1.031	11.1	50#	0.00
70		Isopropylbenzene	1.742	1.523	12.6	49#	0.00
71	M	1,1,2,2-Tetrachloroethane	0.594	0.547	7.9	52	0.00
72		1,2,3-Trichloropropane	0.540	0.457	15.4	44#	0.00
73		Bromobenzene	0.405	0.355	12.3	51	0.00
74		n-propylbenzene	2.151	1.880	12.6	49#	0.00
75		2-Chlorotoluene	1.276	1.123	12.0	50#	0.00
76		1,3,5-Trimethylbenzene	1.443	1.280	11.3	50#	0.00
77		t-1,4-Dichloro-2-butene	0.229	0.179	21.8	46#	0.00
78		4-Chlorotoluene	1.311	1.185	9.6	50	0.00
79		tert-butylbenzene	1.247	1.103	11.5	49#	0.00
80		1,2,4-Trimethylbenzene	1.432	1.283	10.4	50#	0.00
81		sec-Butylbenzene	1.852	1.621	12.5	49#	0.00
82		p-Isopropyltoluene	1.503	1.336	11.1	49#	0.00
83	M	1,3-Dichlorobenzene	0.766	0.682	11.0	49#	0.00
84	M	1,4-Dichlorobenzene	0.801	0.699	12.7	48#	0.00
85		n-Butylbenzene	1.514	1.303	13.9	49#	0.00
86	T	Hexachloroethane	0.305	0.271	11.1	50#	0.00
87	M	1,2-Dichlorobenzene	0.745	0.683	8.3	52	0.00
88		1,2-Dibromo-3-Chloropropane	0.137	0.119	13.1	50	0.00
89		1,2,4-Trichlorobenzene	0.454	0.378	16.7	48#	0.00
90		Hexachlorobutadiene	0.173	0.135	22.0	45#	0.00
91	M	Naphthalene	1.716	1.506	12.2	50	0.00
92		1,2,3-Trichlorobenzene	0.454	0.378	16.7	48#	0.00

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