Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091225\
Data File : VN087818.D
Acq On : 12 Sep 2025 15:51
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 22:53:13 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	132	0.00
2	M	Dichlorodifluoromethane	1.865	2.022	-8.4	153#	0.00
3	M	Chloromethane	1.957	1.846	5.7	136	0.00
4	M	Vinyl Chloride	2.213	2.233	-0.9	148	0.00
5	M	Bromomethane	1.298	0.763	41.2#	91	0.00
6	M	Chloroethane	1.512	1.446	4.4	141	0.00
7	M	Trichlorofluoromethane	3.243	3.439	-6.0	157#	0.00
8	T	Diethyl Ether	1.370	1.253	8.5	142	0.00
9		1,1,2-Trichlorotrifluoroeth	1.757	1.955	-11.3	162#	0.00
10	M	1,1-Dichloroethene	1.811	1.826	-0.8	153#	0.00
11		Methyl Iodide	1.282	0.721	43.8#	102	0.00
12		Methyl Acetate	2.792	2.734	2.1	142	0.00
13	M	Acrolein	0.497	0.406	18.3	124	0.00
14	M	Acrylonitrile	1.202	1.141	5.1	144	0.00
15	M	Acetone	0.375	0.390	-4.0	162#	0.00
16	M	Carbon Disulfide	4.972	5.308	-6.8	161#	0.00
17		Allyl chloride	2.958	2.619	11.5	136	0.00
18	M	Methylene Chloride	2.052	2.063	-0.5	155#	0.00
19	M	trans-1,2-Dichloroethene	1.847	1.838	0.5	147	0.00
20	T	Diisopropyl ether	6.802	6.489	4.6	145	0.00
21	M	1,1-Dichloroethane	3.725	3.654	1.9	147	0.00
22	M	cis-1,2-Dichloroethene	2.242	2.214	1.2	147	0.01
23	M	tert-Butyl Alcohol	0.425	0.396	6.8	137	0.00
24	M	Methyl tert-Butyl Ether	6.466	6.113	5.5	146	0.00
25	M	Chloroform	3.899	3.877	0.6	147	0.00
26		Cyclohexane	2.837	3.115	-9.8	168#	0.00
27	s	1,2-Dichloroethane-d4	2.563	2.465	3.8	130	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	137	0.00
29		1,1-Dichloropropene	0.488	0.509	-4.3	156#	0.00
30	M	2-Butanone	0.336	0.338	-0.6	153#	0.00
31		2,2-Dichloropropane	0.588	0.655	-11.4	181#	0.00
32	M	1,1,1-Trichloroethane	0.618	0.657	-6.3	155#	0.00
33	M	Carbon Tetrachloride	0.515	0.559	-8.5	165#	0.00
34	M	Benzene	1.576	1.581	-0.3	150#	0.00
35		Methacrylonitrile	0.351	0.336	4.3	134	0.00
36	M	1,2-Dichloroethane	0.595	0.590	0.8	146	0.00
37	M	Trichloroethene	0.352	0.358	-1.7	152#	0.00
38		Methylcyclohexane	0.537	0.594	-10.6	171#	0.00
39	M	1,2-Dichloropropane	0.404	0.408	-1.0	150	0.00
40		Dibromomethane	0.300	0.306	-2.0	152#	0.00
41	M	Bromodichloromethane	0.614	0.603	1.8	145	0.00
42	M	Vinyl Acetate	1.122	1.027	8.5	140	0.00
43		Ethyl Acetate	0.686	0.649	5.4	138	0.00
44		Isopropyl Acetate	1.076	0.990	8.0	137	0.00
45	T	1,4-Dioxane	0.007	0.007	0.0	146	0.01
46		Methyl methacrylate	0.496	0.461	7.1	143	0.00
47		n-amyl Acetate	0.727	0.540	25.7#	143	0.02
48	M	t-1,3-Dichloropropene	0.638	0.601	5.8	148	0.00

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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)
49	T	cis-1,3-Dichloropropene	0.653	0.627	4.0	152#	0.00
50	M	1,1,2-Trichloroethane	0.388	0.385	0.8	149	0.00
51		Ethyl methacrylate	0.604	0.539	10.8	144	0.00
52		1,3-Dichloropropane	0.674	0.665	1.3	146	0.00
53	M	Dibromochloromethane	0.435	0.439	-0.9	163#	0.00
54	M	1,2-Dibromoethane	0.404	0.403	0.2	152#	0.00
55	M	2-Chloroethyl vinyl ether	0.346	0.313	9.5	134	0.00
56	M	Bromoform	0.284	0.281	1.1	160#	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	135	0.00
58	M	4-Methyl-2-Pentanone	0.709	0.700	1.3	145	0.00
59	M	2-Hexanone	0.464	0.452	2.6	146	0.00
60	S	4-Bromofluorobenzene	0.482	0.465	3.5	129	0.00
61	M	Tetrachloroethene	0.299	0.353	-18.1	172#	0.00
62	M	Toluene	1.815	1.877	-3.4	152#	0.00
63	S	Toluene-d8	1.395	1.390	0.4	133	0.00
64	M	Chlorobenzene	1.114	1.170	-5.0	158#	0.00
65		1,1,1,2-Tetrachloroethane	0.392	0.406	-3.6	155#	0.00
66	M	Ethyl Benzene	1.958	1.984	-1.3	154#	0.00
67	M	m/p-Xylenes	0.727	0.763	-5.0	161#	0.00
68	M	o-Xylene	0.705	0.710	-0.7	150#	0.00
69	M	Styrene	1.225	1.204	1.7	151#	0.00
70		Isopropylbenzene	1.787	1.877	-5.0	163#	0.00
71	M	1,1,2,2-Tetrachloroethane	0.642	0.664	-3.4	149	0.00
72		1,2,3-Trichloropropane	0.631	0.606	4.0	128	0.00
73		Bromobenzene	0.437	0.464	-6.2	160#	0.00
74		n-propylbenzene	2.254	2.445	-8.5	164#	0.00
75		2-Chlorotoluene	1.357	1.383	-1.9	151#	0.00
76		1,3,5-Trimethylbenzene	1.509	1.599	-6.0	160#	0.00
77		t-1,4-Dichloro-2-butene	0.213	0.175	17.8	130	0.00
78		4-Chlorotoluene	1.368	1.440	-5.3	155#	0.00
79		tert-butylbenzene	1.263	1.386	-9.7	166#	0.00
80		1,2,4-Trimethylbenzene	1.547	1.635	-5.7	158#	0.00
81		sec-Butylbenzene	1.858	2.102	-13.1	170#	0.00
82		p-Isopropyltoluene	1.531	1.734	-13.3	173#	0.00
83	M	1,3-Dichlorobenzene	0.843	0.919	-9.0	158#	0.00
84	M	1,4-Dichlorobenzene	0.845	0.943	-11.6	165#	0.00
85		n-Butylbenzene	1.472	1.703	-15.7	180#	0.00
86	T	Hexachloroethane	0.311	0.320	-2.9	151#	0.00
87	M	1,2-Dichlorobenzene	0.795	0.850	-6.9	157#	0.00
88		1,2-Dibromo-3-Chloropropane	0.143	0.144	-0.7	141	0.00
89		1,2,4-Trichlorobenzene	0.452	0.492	-8.8	166#	0.00
90		Hexachlorobutadiene	0.152	0.220	-44.7#	205#	0.00
91	M	Naphthalene	1.664	1.647	1.0	155#	0.00
92		1,2,3-Trichlorobenzene	0.452	0.492	-8.8	166#	0.00

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