Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
Data File : VN087772.D
Acq On : 09 Sep 2025 14:43
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 10 02:31:28 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	108	0.00
2	M	Dichlorodifluoromethane	1.865	1.779	4.6	110	0.00
3	M	Chloromethane	1.957	1.999	-2.1	121	0.00
4	M	Vinyl Chloride	2.213	2.221	-0.4	120	0.00
5	M	Bromomethane	1.298	1.148	11.6	112	0.00
6	M	Chloroethane	1.512	1.577	-4.3	126	0.00
7	M	Trichlorofluoromethane	3.243	3.249	-0.2	121	0.00
8	T	Diethyl Ether	1.370	1.297	5.3	120	0.00
9		1,1,2-Trichlorotrifluoroeth	1.757	1.609	8.4	110	0.00
10	M	1,1-Dichloroethene	1.811	1.771	2.2	122	-0.01
11		Methyl Iodide	1.282	1.034	19.3	120	0.00
12		Methyl Acetate	2.792	2.739	1.9	117	0.00
13	M	Acrolein	0.497	0.459	7.6	115	0.00
14	M	Acrylonitrile	1.202	1.153	4.1	119	0.00
15	M	Acetone	0.375	0.353	5.9	120	0.00
16	M	Carbon Disulfide	4.972	4.878	1.9	121	0.00
17		Allyl chloride	2.958	2.710	8.4	116	0.00
18	M	Methylene Chloride	2.052	2.009	2.1	124	0.00
19	M	trans-1,2-Dichloroethene	1.847	1.798	2.7	118	0.00
20	T	Diisopropyl ether	6.802	6.522	4.1	119	0.00
21	M	1,1-Dichloroethane	3.725	3.524	5.4	117	0.00
22	M	cis-1,2-Dichloroethene	2.242	2.160	3.7	118	0.00
23	M	tert-Butyl Alcohol	0.425	0.419	1.4	119	-0.02
24	M	Methyl tert-Butyl Ether	6.466	6.143	5.0	120	0.00
25	M	Chloroform	3.899	3.903	-0.1	121	0.00
26		Cyclohexane	2.837	2.641	6.9	117	0.00
27	s	1,2-Dichloroethane-d4	2.563	2.626	-2.5	113	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29		1,1-Dichloropropene	0.488	0.478	2.0	119	0.00
30	M	2-Butanone	0.336	0.336	0.0	124	0.00
31		2,2-Dichloropropane	0.588	0.554	5.8	125	0.00
32	M	1,1,1-Trichloroethane	0.618	0.630	-1.9	121	0.00
33	M	Carbon Tetrachloride	0.515	0.505	1.9	121	0.00
34	M	Benzene	1.576	1.545	2.0	119	0.00
35		Methacrylonitrile	0.351	0.351	0.0	114	0.00
36	M	1,2-Dichloroethane	0.595	0.600	-0.8	121	0.00
37	M	Trichloroethene	0.352	0.328	6.8	113	0.00
38		Methylcyclohexane	0.537	0.495	7.8	116	0.00
39	M	1,2-Dichloropropane	0.404	0.422	-4.5	125	0.00
40		Dibromomethane	0.300	0.304	-1.3	123	0.00
41	M	Bromodichloromethane	0.614	0.612	0.3	120	0.00
42	M	Vinyl Acetate	1.122	1.078	3.9	120	0.00
43		Ethyl Acetate	0.686	0.671	2.2	116	0.00
44		Isopropyl Acetate	1.076	1.071	0.5	120	0.00
45	T	1,4-Dioxane	0.007	0.007	0.0	119	0.00
46		Methyl methacrylate	0.496	0.485	2.2	122	0.00
47		n-amyl Acetate	0.727	0.712	2.1	153#	-0.09
48	M	t-1,3-Dichloropropene	0.638	0.613	3.9	123	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.653	0.615	5.8	121	0.00
50	M	1,1,2-Trichloroethane	0.388	0.391	-0.8	123	0.00
51		Ethyl methacrylate	0.604	0.586	3.0	127	0.00
52		1,3-Dichloropropane	0.674	0.665	1.3	119	0.00
53	M	Dibromochloromethane	0.435	0.436	-0.2	132	0.00
54	M	1,2-Dibromoethane	0.404	0.400	1.0	123	0.00
55	M	2-Chloroethyl vinyl ether	0.346	0.340	1.7	119	0.00
56	M	Bromoform	0.284	0.276	2.8	127	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
58	M	4-Methyl-2-Pentanone	0.709	0.698	1.6	121	0.00
59	M	2-Hexanone	0.464	0.440	5.2	119	0.00
60	S	4-Bromofluorobenzene	0.482	0.486	-0.8	112	0.00
61	M	Tetrachloroethene	0.299	0.297	0.7	121	0.00
62	M	Toluene	1.815	1.737	4.3	117	0.00
63	S	Toluene-d8	1.395	1.395	0.0	112	0.00
64	M	Chlorobenzene	1.114	1.107	0.6	124	0.00
65		1,1,1,2-Tetrachloroethane	0.392	0.388	1.0	124	0.00
66	M	Ethyl Benzene	1.958	1.845	5.8	120	0.00
67	M	m/p-Xylenes	0.727	0.691	5.0	122	0.00
68	M	o-Xylene	0.705	0.663	6.0	117	0.00
69	M	Styrene	1.225	1.166	4.8	123	0.00
70		Isopropylbenzene	1.787	1.676	6.2	122	0.00
71	M	1,1,2,2-Tetrachloroethane	0.642	0.622	3.1	116	0.00
72		1,2,3-Trichloropropane	0.631	0.615	2.5	109	0.00
73		Bromobenzene	0.437	0.424	3.0	122	0.00
74		n-propylbenzene	2.254	2.199	2.4	123	0.00
75		2-Chlorotoluene	1.357	1.293	4.7	118	0.00
76		1,3,5-Trimethylbenzene	1.509	1.480	1.9	124	0.00
77		t-1,4-Dichloro-2-butene	0.213	0.187	12.2	116	0.00
78		4-Chlorotoluene	1.368	1.309	4.3	117	0.00
79		tert-butylbenzene	1.263	1.218	3.6	122	0.00
80		1,2,4-Trimethylbenzene	1.547	1.500	3.0	121	0.00
81		sec-Butylbenzene	1.858	1.840	1.0	124	0.00
82		p-Isopropyltoluene	1.531	1.475	3.7	123	0.00
83	M	1,3-Dichlorobenzene	0.843	0.813	3.6	116	0.00
84	M	1,4-Dichlorobenzene	0.845	0.821	2.8	120	0.00
85		n-Butylbenzene	1.472	1.435	2.5	127	0.00
86	T	Hexachloroethane	0.311	0.311	0.0	123	0.00
87	M	1,2-Dichlorobenzene	0.795	0.793	0.3	122	0.00
88		1,2-Dibromo-3-Chloropropane	0.143	0.142	0.7	116	0.00
89		1,2,4-Trichlorobenzene	0.452	0.421	6.9	119	0.00
90		Hexachlorobutadiene	0.152	0.161	-5.9	125	0.00
91	M	Naphthalene	1.664	1.489	10.5	117	0.00
92		1,2,3-Trichlorobenzene	0.452	0.421	6.9	119	0.00

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