Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
Data File : VN087468.D
Acq On : 06 Aug 2025 09:25
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 07 03:30:39 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	104	0.00
2	M	Dichlorodifluoromethane	1.959	1.742	11.1	88	0.00
3	M	Chloromethane	2.010	1.710	14.9	82	0.00
4	M	Vinyl Chloride	2.131	1.886	11.5	86	0.00
5	M	Bromomethane	1.154	1.069	7.4	96	0.00
6	M	Chloroethane	1.374	1.226	10.8	89	0.00
7	M	Trichlorofluoromethane	3.067	2.662	13.2	86	0.00
8	T	Diethyl Ether	1.278	1.113	12.9	88	0.00
9		1,1,2-Trichlorotrifluoroeth	1.564	1.332	14.8	87	0.00
10	M	1,1-Dichloroethene	1.643	1.414	13.9	85	0.00
11		Methyl Iodide	1.294	0.840	35.1#	81	0.00
12		Methyl Acetate	3.032	2.512	17.2	84	0.00
13	M	Acrolein	0.463	0.528	-14.0	119	0.00
14	M	Acrylonitrile	1.324	1.099	17.0	84	0.00
15	M	Acetone	0.378	0.386	-2.1	96	0.00
16	M	Carbon Disulfide	5.097	4.334	15.0	87	0.00
17		Allyl chloride	3.349	2.849	14.9	88	0.00
18	M	Methylene Chloride	2.115	1.807	14.6	87	0.00
19	M	trans-1,2-Dichloroethene	1.954	1.624	16.9	84	0.00
20	T	Diisopropyl ether	7.629	6.312	17.3	84	0.00
21	M	1,1-Dichloroethane	3.944	3.398	13.8	85	0.00
22	M	cis-1,2-Dichloroethene	2.404	2.058	14.4	86	0.00
23	M	tert-Butyl Alcohol	0.563	0.415	26.3#	76	0.00
24	M	Methyl tert-Butyl Ether	7.487	6.431	14.1	87	0.00
25	M	Chloroform	4.116	3.597	12.6	89	0.00
26		Cyclohexane	3.157	2.687	14.9	84	0.00
27	s	1,2-Dichloroethane-d4	2.767	2.829	-2.2	104	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29		1,1-Dichloropropene	0.489	0.412	15.7	86	0.00
30	M	2-Butanone	0.361	0.309	14.4	87	0.00
31		2,2-Dichloropropane	0.631	0.554	12.2	89	0.00
32	M	1,1,1-Trichloroethane	0.624	0.537	13.9	89	0.00
33	M	Carbon Tetrachloride	0.518	0.442	14.7	87	0.00
34	M	Benzene	1.545	1.286	16.8	85	0.00
35		Methacrylonitrile	0.389	0.307	21.1	79	0.00
36	M	1,2-Dichloroethane	0.624	0.526	15.7	85	0.00
37	M	Trichloroethene	0.340	0.287	15.6	85	0.00
38		Methylcyclohexane	0.568	0.469	17.4	84	0.00
39	M	1,2-Dichloropropane	0.396	0.336	15.2	86	0.00
40		Dibromomethane	0.297	0.254	14.5	87	0.00
41	M	Bromodichloromethane	0.617	0.511	17.2	86	0.00
42	M	Vinyl Acetate	1.188	1.012	14.8	85	0.00
43		Ethyl Acetate	0.697	0.600	13.9	88	0.00
44		Isopropyl Acetate	1.181	0.972	17.7	84	0.00
45	T	1,4-Dioxane	0.008	0.006	25.0	78	0.00
46		Methyl methacrylate	0.558	0.453	18.8	83	0.00
47		n-amyl Acetate	0.652	0.534	18.1	97	0.00
48	M	t-1,3-Dichloropropene	0.672	0.543	19.2	84	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.676	0.560	17.2	86	0.00
50	M	1,1,2-Trichloroethane	0.375	0.311	17.1	85	0.00
51		Ethyl methacrylate	0.661	0.554	16.2	87	0.00
52		1,3-Dichloropropane	0.676	0.581	14.1	88	0.00
53	M	Dibromochloromethane	0.434	0.357	17.7	86	0.00
54	M	1,2-Dibromoethane	0.399	0.332	16.8	85	0.00
55	M	2-Chloroethyl vinyl ether	0.348	0.352	-1.1	103	0.00
56	M	Bromoform	0.287	0.224	22.0	83	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
58	M	4-Methyl-2-Pentanone	0.772	0.631	18.3	83	0.00
59	M	2-Hexanone	0.524	0.433	17.4	86	0.00
60	S	4-Bromofluorobenzene	0.516	0.511	1.0	103	0.00
61	M	Tetrachloroethene	0.292	0.250	14.4	90	0.00
62	M	Toluene	1.852	1.524	17.7	84	0.00
63	S	Toluene-d8	1.380	1.386	-0.4	105	0.00
64	M	Chlorobenzene	1.138	0.944	17.0	86	0.00
65		1,1,1,2-Tetrachloroethane	0.400	0.337	15.8	87	0.00
66	M	Ethyl Benzene	2.064	1.733	16.0	86	0.00
67	M	m/p-Xylenes	0.758	0.624	17.7	85	0.00
68	M	o-Xylene	0.745	0.606	18.7	84	0.00
69	M	Styrene	1.273	1.032	18.9	84	0.00
70		Isopropylbenzene	1.893	1.593	15.8	86	0.00
71	M	1,1,2,2-Tetrachloroethane	0.649	0.530	18.3	82	0.00
72		1,2,3-Trichloropropane	0.604	0.531	12.1	98	0.00
73		Bromobenzene	0.439	0.364	17.1	87	0.00
74		n-propylbenzene	2.365	2.008	15.1	87	0.00
75		2-Chlorotoluene	1.455	1.196	17.8	85	0.00
76		1,3,5-Trimethylbenzene	1.621	1.344	17.1	85	0.00
77		t-1,4-Dichloro-2-butene	0.229	0.185	19.2	90	0.00
78		4-Chlorotoluene	1.474	1.232	16.4	88	0.00
79		tert-butylbenzene	1.367	1.142	16.5	86	0.00
80		1,2,4-Trimethylbenzene	1.620	1.374	15.2	88	0.00
81		sec-Butylbenzene	1.990	1.673	15.9	86	0.00
82		p-Isopropyltoluene	1.652	1.375	16.8	85	0.00
83	M	1,3-Dichlorobenzene	0.836	0.690	17.5	85	0.00
84	M	1,4-Dichlorobenzene	0.847	0.708	16.4	85	0.00
85		n-Butylbenzene	1.616	1.355	16.2	86	0.00
86	T	Hexachloroethane	0.323	0.264	18.3	85	0.00
87	M	1,2-Dichlorobenzene	0.798	0.659	17.4	84	0.00
88		1,2-Dibromo-3-Chloropropane	0.164	0.130	20.7	80	0.00
89		1,2,4-Trichlorobenzene	0.477	0.378	20.8	83	0.00
90		Hexachlorobutadiene	0.185	0.150	18.9	84	0.00
91	M	Naphthalene	1.818	1.439	20.8	82	0.00
92		1,2,3-Trichlorobenzene	0.477	0.378	20.8	83	0.00

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