Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081825\
Data File : VN087595.D
Acq On : 18 Aug 2025 09:29
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 18 09:46:31 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	94	0.00
2	M	Dichlorodifluoromethane	1.959	1.684	14.0	76	0.00
3	M	Chloromethane	2.010	1.676	16.6	73	0.00
4	M	Vinyl Chloride	2.131	1.837	13.8	75	0.00
5	M	Bromomethane	1.154	0.818	29.1#	66	0.00
6	M	Chloroethane	1.374	1.270	7.6	83	0.00
7	M	Trichlorofluoromethane	3.067	2.711	11.6	79	0.00
8	T	Diethyl Ether	1.278	1.166	8.8	83	0.00
9		1,1,2-Trichlorotrifluoroeth	1.564	1.488	4.9	88	0.00
10	M	1,1-Dichloroethene	1.643	1.569	4.5	85	0.00
11		Methyl Iodide	1.294	0.989	23.6	86	0.00
12		Methyl Acetate	3.032	2.611	13.9	79	0.00
13	M	Acrolein	0.463	0.214	53.8#	43#	0.00
14	M	Acrylonitrile	1.324	1.072	19.0	74	0.00
15	M	Acetone	0.378	0.387	-2.4	87	0.00
16	M	Carbon Disulfide	5.097	4.403	13.6	80	0.00
17		Allyl chloride	3.349	2.275	32.1#	63	0.00
18	M	Methylene Chloride	2.115	1.794	15.2	78	-0.01
19	M	trans-1,2-Dichloroethene	1.954	1.644	15.9	77	0.00
20	T	Diisopropyl ether	7.629	5.645	26.0#	68	0.00
21	M	1,1-Dichloroethane	3.944	3.255	17.5	74	0.00
22	M	cis-1,2-Dichloroethene	2.404	2.019	16.0	76	0.00
23	M	tert-Butyl Alcohol	0.563	0.508	9.8	84	0.01
24	M	Methyl tert-Butyl Ether	7.487	6.150	17.9	75	0.00
25	M	Chloroform	4.116	3.469	15.7	77	0.00
26		Cyclohexane	3.157	2.516	20.3	71	0.00
27	s	1,2-Dichloroethane-d4	2.767	2.738	1.0	90	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29		1,1-Dichloropropene	0.489	0.404	17.4	77	0.00
30	M	2-Butanone	0.361	0.291	19.4	74	0.00
31		2,2-Dichloropropane	0.631	0.527	16.5	77	0.00
32	M	1,1,1-Trichloroethane	0.624	0.515	17.5	78	0.00
33	M	Carbon Tetrachloride	0.518	0.427	17.6	76	0.00
34	M	Benzene	1.545	1.236	20.0	75	0.00
35		Methacrylonitrile	0.389	0.309	20.6	72	0.00
36	M	1,2-Dichloroethane	0.624	0.487	22.0	71	0.00
37	M	Trichloroethene	0.340	0.290	14.7	78	0.00
38		Methylcyclohexane	0.568	0.450	20.8	73	0.00
39	M	1,2-Dichloropropane	0.396	0.327	17.4	76	0.00
40		Dibromomethane	0.297	0.246	17.2	76	0.00
41	M	Bromodichloromethane	0.617	0.493	20.1	76	0.00
42	M	Vinyl Acetate	1.188	0.917	22.8	70	0.00
43		Ethyl Acetate	0.697	0.535	23.2	71	0.00
44		Isopropyl Acetate	1.181	0.916	22.4	72	0.00
45	T	1,4-Dioxane	0.008	0.006	25.0	75	0.00
46		Methyl methacrylate	0.558	0.404	27.6#	67	0.00
47		n-amyl Acetate	0.652	0.457	29.9#	75	0.05
48	M	t-1,3-Dichloropropene	0.672	0.519	22.8	73	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.676	0.526	22.2	74	0.00
50	M	1,1,2-Trichloroethane	0.375	0.312	16.8	77	0.00
51		Ethyl methacrylate	0.661	0.505	23.6	72	0.00
52		1,3-Dichloropropane	0.676	0.555	17.9	76	0.00
53	M	Dibromochloromethane	0.434	0.355	18.2	78	0.00
54	M	1,2-Dibromoethane	0.399	0.316	20.8	73	0.00
55	M	2-Chloroethyl vinyl ether	0.348	0.277	20.4	74	0.00
56	M	Bromoform	0.287	0.218	24.0	74	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58	M	4-Methyl-2-Pentanone	0.772	0.616	20.2	71	0.00
59	M	2-Hexanone	0.524	0.403	23.1	71	0.00
60	S	4-Bromofluorobenzene	0.516	0.506	1.9	91	0.00
61	M	Tetrachloroethene	0.292	0.265	9.2	85	0.00
62	M	Toluene	1.852	1.540	16.8	75	0.00
63	S	Toluene-d8	1.380	1.364	1.2	92	0.00
64	M	Chlorobenzene	1.138	0.932	18.1	75	0.00
65		1,1,1,2-Tetrachloroethane	0.400	0.311	22.3	72	0.00
66	M	Ethyl Benzene	2.064	1.679	18.7	74	0.00
67	M	m/p-Xylenes	0.758	0.626	17.4	76	0.00
68	M	o-Xylene	0.745	0.607	18.5	75	0.00
69	M	Styrene	1.273	1.021	19.8	73	0.00
70		Isopropylbenzene	1.893	1.568	17.2	75	0.00
71	M	1,1,2,2-Tetrachloroethane	0.649	0.528	18.6	72	0.00
72		1,2,3-Trichloropropane	0.604	0.670	-10.9	110	0.00
73		Bromobenzene	0.439	0.368	16.2	78	0.00
74		n-propylbenzene	2.365	1.912	19.2	74	0.00
75		2-Chlorotoluene	1.455	1.169	19.7	73	0.00
76		1,3,5-Trimethylbenzene	1.621	1.287	20.6	72	0.00
77		t-1,4-Dichloro-2-butene	0.229	0.129	43.7#	55	0.00
78		4-Chlorotoluene	1.474	1.168	20.8	74	0.00
79		tert-butylbenzene	1.367	1.097	19.8	73	0.00
80		1,2,4-Trimethylbenzene	1.620	1.297	19.9	74	0.00
81		sec-Butylbenzene	1.990	1.595	19.8	73	0.00
82		p-Isopropyltoluene	1.652	1.325	19.8	73	0.00
83	M	1,3-Dichlorobenzene	0.836	0.703	15.9	77	0.00
84	M	1,4-Dichlorobenzene	0.847	0.709	16.3	76	0.00
85		n-Butylbenzene	1.616	1.286	20.4	72	0.00
86	T	Hexachloroethane	0.323	0.248	23.2	71	0.00
87	M	1,2-Dichlorobenzene	0.798	0.673	15.7	76	0.00
88		1,2-Dibromo-3-Chloropropane	0.164	0.130	20.7	71	0.00
89		1,2,4-Trichlorobenzene	0.477	0.393	17.6	77	0.00
90		Hexachlorobutadiene	0.185	0.142	23.2	70	0.00
91	M	Naphthalene	1.818	1.468	19.3	74	0.00
92		1,2,3-Trichlorobenzene	0.477	0.393	17.6	77	0.00

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