Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087179.D
Acq On : 25 Jun 2025 16:12
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jun 26 03:40:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 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	1.806	1.673	7.4	105	0.00
3	M	Chloromethane	1.844	1.742	5.5	116	0.00
4	M	Vinyl Chloride	2.005	1.781	11.2	103	0.00
5	M	Bromomethane	1.064	0.676	36.5#	73	0.00
6	M	Chloroethane	1.075	0.998	7.2	107	0.00
7	M	Trichlorofluoromethane	2.459	2.107	14.3	94	0.00
8	T	Diethyl Ether	1.208	1.076	10.9	104	0.00
9		1,1,2-Trichlorotrifluoroeth	1.823	1.741	4.5	107	0.00
10	M	1,1-Dichloroethene	1.817	1.696	6.7	105	0.00
11		Methyl Iodide	1.628	0.823	49.4#	66	0.00
12		Methyl Acetate	2.851	2.797	1.9	111	0.00
13	M	Acrolein	0.438	0.271	38.1#	78	0.00
14	M	Acrylonitrile	1.330	1.290	3.0	109	0.00
15	M	Acetone	0.388	0.356	8.2	101	0.00
16	M	Carbon Disulfide	5.313	4.930	7.2	105	0.00
17		Allyl chloride	2.997	2.747	8.3	103	0.01
18	M	Methylene Chloride	2.105	2.067	1.8	110	0.00
19	M	trans-1,2-Dichloroethene	1.987	1.916	3.6	109	0.00
20	T	Diisopropyl ether	6.359	6.239	1.9	106	0.00
21	M	1,1-Dichloroethane	3.801	3.664	3.6	106	0.00
22	M	cis-1,2-Dichloroethene	2.313	2.314	-0.0	115	0.00
23	M	tert-Butyl Alcohol	0.500	0.499	0.2	114	0.00
24	M	Methyl tert-Butyl Ether	6.374	6.223	2.4	113	0.00
25	M	Chloroform	3.641	3.628	0.4	113	0.00
26		Cyclohexane	3.159	2.959	6.3	109	0.00
27	s	1,2-Dichloroethane-d4	2.260	2.269	-0.4	102	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29		1,1-Dichloropropene	0.468	0.437	6.6	111	0.00
30	M	2-Butanone	0.315	0.320	-1.6	114	0.00
31		2,2-Dichloropropane	0.564	0.563	0.2	111	0.00
32	M	1,1,1-Trichloroethane	0.546	0.527	3.5	108	0.00
33	M	Carbon Tetrachloride	0.460	0.439	4.6	112	0.00
34	M	Benzene	1.481	1.486	-0.3	116	0.00
35		Methacrylonitrile	0.318	0.322	-1.3	115	0.00
36	M	1,2-Dichloroethane	0.479	0.490	-2.3	113	0.00
37	M	Trichloroethene	0.342	0.344	-0.6	119	0.00
38		Methylcyclohexane	0.537	0.490	8.8	106	0.00
39	M	1,2-Dichloropropane	0.372	0.357	4.0	105	0.00
40		Dibromomethane	0.253	0.241	4.7	105	0.00
41	M	Bromodichloromethane	0.510	0.498	2.4	105	0.00
42	M	Vinyl Acetate	1.026	0.937	8.7	101	0.00
43		Ethyl Acetate	0.569	0.607	-6.7	110	0.00
44		Isopropyl Acetate	0.928	0.930	-0.2	114	0.00
45	T	1,4-Dioxane	0.006	0.006	0.0	110	0.00
46		Methyl methacrylate	0.431	0.403	6.5	104	0.00
47		n-amyl Acetate	0.567	0.571	-0.7	115	0.02
48	M	t-1,3-Dichloropropene	0.569	0.556	2.3	111	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.605	0.598	1.2	107	0.00
50	M	1,1,2-Trichloroethane	0.359	0.356	0.8	109	0.00
51		Ethyl methacrylate	0.547	0.513	6.2	111	0.00
52		1,3-Dichloropropane	0.617	0.620	-0.5	110	0.00
53	M	Dibromochloromethane	0.377	0.373	1.1	111	0.00
54	M	1,2-Dibromoethane	0.371	0.364	1.9	108	0.00
55	M	2-Chloroethyl vinyl ether	0.313	0.264	15.7	93	0.00
56	M	Bromoform	0.259	0.244	5.8	107	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58	M	4-Methyl-2-Pentanone	0.603	0.611	-1.3	109	0.00
59	M	2-Hexanone	0.389	0.363	6.7	110	0.00
60	S	4-Bromofluorobenzene	0.463	0.447	3.5	97	0.00
61	M	Tetrachloroethene	0.297	0.309	-4.0	113	0.00
62	M	Toluene	1.694	1.739	-2.7	110	0.00
63	S	Toluene-d8	1.347	1.367	-1.5	95	0.00
64	M	Chlorobenzene	1.081	1.105	-2.2	110	0.00
65		1,1,1,2-Tetrachloroethane	0.357	0.370	-3.6	111	0.00
66	M	Ethyl Benzene	1.855	1.866	-0.6	111	0.00
67	M	m/p-Xylenes	0.711	0.715	-0.6	110	0.00
68	M	o-Xylene	0.678	0.689	-1.6	111	0.00
69	M	Styrene	1.164	1.169	-0.4	110	0.00
70		Isopropylbenzene	1.689	1.739	-3.0	115	0.00
71	M	1,1,2,2-Tetrachloroethane	0.608	0.586	3.6	101	0.00
72		1,2,3-Trichloropropane	0.524	0.511	2.5	107	0.00
73		Bromobenzene	0.410	0.377	8.0	102	0.00
74		n-propylbenzene	2.063	2.013	2.4	109	0.00
75		2-Chlorotoluene	1.246	1.235	0.9	112	0.00
76		1,3,5-Trimethylbenzene	1.375	1.371	0.3	114	0.00
77		t-1,4-Dichloro-2-butene	0.232	0.212	8.6	106	0.00
78		4-Chlorotoluene	1.276	1.293	-1.3	114	0.00
79		tert-butylbenzene	1.156	1.147	0.8	113	0.00
80		1,2,4-Trimethylbenzene	1.380	1.419	-2.8	118	0.00
81		sec-Butylbenzene	1.680	1.738	-3.5	115	0.00
82		p-Isopropyltoluene	1.398	1.388	0.7	107	0.00
83	M	1,3-Dichlorobenzene	0.789	0.770	2.4	105	0.00
84	M	1,4-Dichlorobenzene	0.794	0.768	3.3	105	0.00
85		n-Butylbenzene	1.275	1.291	-1.3	109	0.00
86	T	Hexachloroethane	0.265	0.263	0.8	113	0.00
87	M	1,2-Dichlorobenzene	0.744	0.736	1.1	107	0.00
88		1,2-Dibromo-3-Chloropropane	0.137	0.139	-1.5	111	0.00
89		1,2,4-Trichlorobenzene	0.421	0.424	-0.7	109	0.00
90		Hexachlorobutadiene	0.125	0.139	-11.2	121	0.00
91	M	Naphthalene	1.656	1.637	1.1	111	0.00
92		1,2,3-Trichlorobenzene	0.421	0.424	-0.7	109	0.00

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