Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070925\
Data File : VN087306.D
Acq On : 09 Jul 2025 09:57
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jul 10 01:22:54 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	124	0.00
2	M	Dichlorodifluoromethane	1.806	1.479	18.1	111	0.00
3	M	Chloromethane	1.844	1.210	34.4#	96	0.00
4	M	Vinyl Chloride	2.005	1.535	23.4	106	0.00
5	M	Bromomethane	1.064	1.329	-24.9	171#	0.00
6	M	Chloroethane	1.075	1.250	-16.3	161#	0.00
7	M	Trichlorofluoromethane	2.459	2.559	-4.1	137	0.00
8	T	Diethyl Ether	1.208	0.856	29.1#	99	0.00
9		1,1,2-Trichlorotrifluoroeth	1.823	1.651	9.4	122	0.00
10	M	1,1-Dichloroethene	1.817	1.426	21.5	105	0.00
11		Methyl Iodide	1.628	1.554	4.5	149	0.00
12		Methyl Acetate	2.851	1.942	31.9#	92	0.00
13	M	Acrolein	0.438	0.312	28.8#	108	0.00
14	M	Acrylonitrile	1.330	0.885	33.5#	89	0.00
15	M	Acetone	0.388	0.337	13.1	114	0.00
16	M	Carbon Disulfide	5.313	3.838	27.8#	98	0.00
17		Allyl chloride	2.997	1.726	42.4#	78	0.00
18	M	Methylene Chloride	2.105	1.740	17.3	111	0.00
19	M	trans-1,2-Dichloroethene	1.987	1.647	17.1	112	0.00
20	T	Diisopropyl ether	6.359	4.162	34.5#	85	0.00
21	M	1,1-Dichloroethane	3.801	2.824	25.7#	98	0.00
22	M	cis-1,2-Dichloroethene	2.313	1.912	17.3	113	0.00
23	M	tert-Butyl Alcohol	0.500	0.359	28.2#	98	0.00
24	M	Methyl tert-Butyl Ether	6.374	4.831	24.2	104	0.00
25	M	Chloroform	3.641	3.224	11.5	120	0.00
26		Cyclohexane	3.159	2.010	36.4#	88	0.00
27	s	1,2-Dichloroethane-d4	2.260	2.126	5.9	114	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29		1,1-Dichloropropene	0.468	0.407	13.0	113	0.00
30	M	2-Butanone	0.315	0.246	21.9	95	0.00
31		2,2-Dichloropropane	0.564	0.573	-1.6	123	0.00
32	M	1,1,1-Trichloroethane	0.546	0.590	-8.1	131	0.00
33	M	Carbon Tetrachloride	0.460	0.500	-8.7	139	0.00
34	M	Benzene	1.481	1.317	11.1	111	0.00
35		Methacrylonitrile	0.318	0.224	29.6#	87	0.00
36	M	1,2-Dichloroethane	0.479	0.465	2.9	117	0.00
37	M	Trichloroethene	0.342	0.337	1.5	127	0.00
38		Methylcyclohexane	0.537	0.444	17.3	104	0.00
39	M	1,2-Dichloropropane	0.372	0.316	15.1	101	0.00
40		Dibromomethane	0.253	0.255	-0.8	121	0.00
41	M	Bromodichloromethane	0.510	0.506	0.8	116	0.00
42	M	Vinyl Acetate	1.026	0.661	35.6#	77	0.00
43		Ethyl Acetate	0.569	0.456	19.9	90	0.00
44		Isopropyl Acetate	0.928	0.696	25.0#	92	0.00
45	T	1,4-Dioxane	0.006	0.006	0.0	123	0.00
46		Methyl methacrylate	0.431	0.304	29.5#	85	0.00
47		n-amyl Acetate	0.567	0.526	7.2	115	0.00
48	M	t-1,3-Dichloropropene	0.569	0.489	14.1	106	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.605	0.520	14.0	101	0.00
50	M	1,1,2-Trichloroethane	0.359	0.349	2.8	116	0.00
51		Ethyl methacrylate	0.547	0.416	23.9	98	0.00
52		1,3-Dichloropropane	0.617	0.564	8.6	109	0.00
53	M	Dibromochloromethane	0.377	0.409	-8.5	132	0.00
54	M	1,2-Dibromoethane	0.371	0.362	2.4	117	0.00
55	M	2-Chloroethyl vinyl ether	0.313	0.208	33.5#	79	0.00
56	M	Bromoform	0.259	0.280	-8.1	133	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
58	M	4-Methyl-2-Pentanone	0.603	0.451	25.2#	93	0.00
59	M	2-Hexanone	0.389	0.277	28.8#	97	0.00
60	S	4-Bromofluorobenzene	0.463	0.467	-0.9	117	0.00
61	M	Tetrachloroethene	0.297	0.298	-0.3	125	0.00
62	M	Toluene	1.694	1.525	10.0	111	0.00
63	S	Toluene-d8	1.347	1.306	3.0	105	0.00
64	M	Chlorobenzene	1.081	1.053	2.6	121	0.00
65		1,1,1,2-Tetrachloroethane	0.357	0.374	-4.8	129	0.00
66	M	Ethyl Benzene	1.855	1.607	13.4	110	0.00
67	M	m/p-Xylenes	0.711	0.676	4.9	120	0.00
68	M	o-Xylene	0.678	0.606	10.6	113	0.00
69	M	Styrene	1.164	1.052	9.6	114	0.00
70		Isopropylbenzene	1.689	1.602	5.2	122	0.00
71	M	1,1,2,2-Tetrachloroethane	0.608	0.566	6.9	113	0.00
72		1,2,3-Trichloropropane	0.524	0.485	7.4	117	0.00
73		Bromobenzene	0.410	0.431	-5.1	135	0.00
74		n-propylbenzene	2.063	1.931	6.4	120	0.00
75		2-Chlorotoluene	1.246	1.158	7.1	121	0.00
76		1,3,5-Trimethylbenzene	1.375	1.373	0.1	131	0.00
77		t-1,4-Dichloro-2-butene	0.232	0.190	18.1	109	0.00
78		4-Chlorotoluene	1.276	1.221	4.3	124	0.00
79		tert-butylbenzene	1.156	1.156	0.0	132	0.00
80		1,2,4-Trimethylbenzene	1.380	1.398	-1.3	134	0.00
81		sec-Butylbenzene	1.680	1.677	0.2	128	0.00
82		p-Isopropyltoluene	1.398	1.436	-2.7	128	0.00
83	M	1,3-Dichlorobenzene	0.789	0.855	-8.4	134	0.00
84	M	1,4-Dichlorobenzene	0.794	0.856	-7.8	135	0.00
85		n-Butylbenzene	1.275	1.209	5.2	118	0.00
86	T	Hexachloroethane	0.265	0.285	-7.5	141	0.00
87	M	1,2-Dichlorobenzene	0.744	0.812	-9.1	136	0.00
88		1,2-Dibromo-3-Chloropropane	0.137	0.134	2.2	124	0.00
89		1,2,4-Trichlorobenzene	0.421	0.431	-2.4	128	0.00
90		Hexachlorobutadiene	0.125	0.131	-4.8	132	0.00
91	M	Naphthalene	1.656	1.503	9.2	117	0.00
92		1,2,3-Trichlorobenzene	0.421	0.431	-2.4	128	0.00

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