Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102325\
Data File : VT019170.D
Acq On : 23 Oct 2025 14:16
Operator : SY/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_T
LabSampleId :
VSTDCCC020

Quant Time: Oct 24 06:43:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 24 06:37:52 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	105	-0.01
2	M	Dichlorodifluoromethane	0.823	0.970	-17.9	129	0.00
3	M	Chloromethane	1.890	1.915	-1.3	110	0.00
4	M	Vinyl Chloride	2.112	2.238	-6.0	127	0.00
5	M	Bromomethane	1.754	1.697	3.2	107	0.01
6	M	Chloroethane	1.863	1.744	6.4	107	0.01
7	M	Trichlorofluoromethane	3.425	3.600	-5.1	125	0.00
8	T	Diethyl Ether	2.109	1.876	11.0	104	0.00
9		1,1,2-Trichlorotrifluoroeth	1.345	1.701	-26.5#	127	0.00
10	M	1,1-Dichloroethene	1.347	1.586	-17.7	115	-0.01
11		Methyl Iodide	1.313	1.389	-5.8	117	0.00
12		Methyl Acetate	5.327	5.185	2.7	106	-0.01
13	M	Acrolein	0.180	0.184	-2.2	93	-0.02
14	M	Acrylonitrile	1.642	1.535	6.5	106	-0.02
15	M	Acetone	0.585	0.559	4.4	106	-0.01
16	M	Carbon Disulfide	2.516	2.792	-11.0	125	0.00
17		Allyl chloride	3.202	3.377	-5.5	126	-0.01
18	M	Methylene Chloride	2.009	1.916	4.6	108	0.00
19	M	trans-1,2-Dichloroethene	2.073	2.143	-3.4	116	-0.01
20	T	Diisopropyl ether	8.152	8.063	1.1	114	-0.01
21	M	1,1-Dichloroethane	3.809	3.849	-1.1	115	-0.02
22	M	cis-1,2-Dichloroethene	2.073	2.143	-3.4	116	-0.01
23	M	tert-Butyl Alcohol	0.719	0.672	6.5	106	-0.02
24	M	Methyl tert-Butyl Ether	8.095	7.760	4.1	108	-0.02
25	M	Chloroform	3.484	3.600	-3.3	119	-0.01
26		Cyclohexane	2.235	2.605	-16.6	131	-0.01
27	s	1,2-Dichloroethane-d4	2.628	2.670	-1.6	107	-0.02
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	-0.01
29		1,1-Dichloropropene	0.314	0.358	-14.0	129	-0.01
30	M	2-Butanone	0.387	0.352	9.0	106	-0.01
31		2,2-Dichloropropane	0.460	0.503	-9.3	124	0.00
32	M	1,1,1-Trichloroethane	0.395	0.438	-10.9	127	-0.02
33	M	Carbon Tetrachloride	0.253	0.297	-17.4	131	-0.02
34	M	Benzene	1.163	1.210	-4.0	119	-0.02
35		Methacrylonitrile	0.329	0.329	0.0	105	-0.01
36	M	1,2-Dichloroethane	0.431	0.420	2.6	110	-0.01
37	M	Trichloroethene	0.214	0.231	-7.9	124	-0.01
38		Methylcyclohexane	0.316	0.391	-23.7	139	-0.02
39	M	1,2-Dichloropropane	0.305	0.306	-0.3	114	-0.01
40		Dibromomethane	0.188	0.180	4.3	113	-0.02
41	M	Bromodichloromethane	0.241	0.240	0.4	111	-0.02
42	M	Vinyl Acetate	0.949	0.932	1.8	112	-0.02
43		Ethyl Acetate	0.636	0.634	0.3	114	-0.02
44		Isopropyl Acetate	1.001	0.955	4.6	109	-0.02
45	T	1,4-Dioxane	0.009	0.009	0.0	104	-0.02
46		Methyl methacrylate	0.448	0.427	4.7	109	-0.01
47		n-amyl Acetate	0.674	0.669	0.7	112	-0.01
48	M	t-1,3-Dichloropropene	0.438	0.450	-2.7	116	-0.01

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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	0.460	0.469	-2.0	117	-0.02
50	M	1,1,2-Trichloroethane	0.276	0.270	2.2	111	-0.01
51		Ethyl methacrylate	0.518	0.523	-1.0	112	-0.01
52		1,3-Dichloropropane	0.493	0.485	1.6	111	-0.02
53	M	Dibromochloromethane	0.258	0.263	-1.9	115	-0.01
54	M	1,2-Dibromoethane	0.257	0.253	1.6	112	-0.01
55	M	2-Chloroethyl vinyl ether	0.151	0.141	6.6	120	-0.01
56	M	Bromoform	0.169	0.176	-4.1	116	-0.02
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	-0.01
58	M	4-Methyl-2-Pentanone	0.735	0.675	8.2	106	-0.02
59	M	2-Hexanone	0.735	0.675	8.2	106	-0.02
60	S	4-Bromofluorobenzene	0.471	0.467	0.8	105	-0.01
61	M	Tetrachloroethene	0.190	0.216	-13.7	128	-0.01
62	M	Toluene	1.344	1.395	-3.8	117	-0.02
63	S	Toluene-d8	1.460	1.446	1.0	102	-0.01
64	M	Chlorobenzene	0.821	0.856	-4.3	119	-0.01
65		1,1,1,2-Tetrachloroethane	0.267	0.275	-3.0	115	-0.01
66	M	Ethyl Benzene	1.460	1.552	-6.3	121	-0.02
67	M	m/p-Xylenes	0.543	0.581	-7.0	122	-0.01
68	M	o-Xylene	0.560	0.590	-5.4	123	-0.02
69	M	Styrene	1.006	1.031	-2.5	117	-0.02
70		Isopropylbenzene	1.374	1.539	-12.0	127	-0.01
71	M	1,1,2,2-Tetrachloroethane	0.539	0.535	0.7	111	-0.01
72		1,2,3-Trichloropropane	0.398	0.434	-9.0	118	-0.01
73		Bromobenzene	0.323	0.338	-4.6	120	-0.02
74		n-propylbenzene	1.657	1.885	-13.8	129	-0.01
75		2-Chlorotoluene	1.015	1.075	-5.9	120	-0.02
76		1,3,5-Trimethylbenzene	1.128	1.262	-11.9	128	-0.01
77		t-1,4-Dichloro-2-butene	0.193	0.191	1.0	109	-0.01
78		4-Chlorotoluene	1.001	1.061	-6.0	120	-0.01
79		tert-butylbenzene	1.001	1.139	-13.8	123	-0.01
80		1,2,4-Trimethylbenzene	1.176	1.282	-9.0	122	-0.01
81		sec-Butylbenzene	1.443	1.704	-18.1	132	-0.02
82		p-Isopropyltoluene	1.200	1.396	-16.3	131	-0.02
83	M	1,3-Dichlorobenzene	0.634	0.661	-4.3	118	-0.01
84	M	1,4-Dichlorobenzene	0.638	0.677	-6.1	120	-0.01
85		n-Butylbenzene	1.099	1.309	-19.1	133	-0.02
86	T	Hexachloroethane	0.161	0.200	-24.2	137	-0.02
87	M	1,2-Dichlorobenzene	0.633	0.663	-4.7	117	-0.02
88		1,2-Dibromo-3-Chloropropane	0.118	0.118	0.0	112	-0.01
89		1,2,4-Trichlorobenzene	0.385	0.418	-8.6	123	-0.02
90		Hexachlorobutadiene	0.128	0.167	-30.5#	140	-0.02
91	M	Naphthalene	1.490	1.449	2.8	110	-0.01
92		1,2,3-Trichlorobenzene	0.389	0.414	-6.4	118	-0.02

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