Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102425\
Data File : VT019172.D
Acq On : 24 Oct 2025 9:46
Operator : SY/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_T
LabSampleId :
VSTDCCC020

Quant Time: Oct 25 01:39:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 24 06:05:07 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	119	-0.02
2	M	Dichlorodifluoromethane	0.823	0.807	1.9	122	0.00
3	M	Chloromethane	1.890	1.706	9.7	112	0.00
4	M	Vinyl Chloride	2.112	1.931	8.6	125	-0.01
5	M	Bromomethane	1.754	1.686	3.9	121	0.01
6	M	Chloroethane	1.863	1.574	15.5	109	0.00
7	M	Trichlorofluoromethane	3.425	3.137	8.4	124	0.00
8	T	Diethyl Ether	2.109	1.904	9.7	120	-0.02
9		1,1,2-Trichlorotrifluoroeth	1.345	1.352	-0.5	115	-0.01
10	M	1,1-Dichloroethene	1.347	1.278	5.1	105	-0.02
11		Methyl Iodide	1.313	1.248	5.0	119	-0.02
12		Methyl Acetate	5.327	5.302	0.5	123	-0.03
13	M	Acrolein	0.180	0.196	-8.9	112	-0.02
14	M	Acrylonitrile	1.642	1.504	8.4	118	-0.03
15	M	Acetone	0.585	0.533	8.9	115	-0.02
16	M	Carbon Disulfide	2.516	2.216	11.9	113	-0.02
17		Allyl chloride	3.202	3.216	-0.4	137	-0.02
18	M	Methylene Chloride	2.009	1.828	9.0	117	-0.02
19	M	trans-1,2-Dichloroethene	2.073	1.943	6.3	119	-0.03
20	T	Diisopropyl ether	8.152	7.755	4.9	124	-0.02
21	M	1,1-Dichloroethane	3.809	3.470	8.9	118	-0.04
22	M	cis-1,2-Dichloroethene	2.073	1.943	6.3	119	-0.03
23	M	tert-Butyl Alcohol	0.719	0.656	8.8	117	-0.04
24	M	Methyl tert-Butyl Ether	8.095	7.742	4.4	123	-0.03
25	M	Chloroform	3.484	3.320	4.7	125	-0.02
26		Cyclohexane	2.235	2.126	4.9	122	-0.02
27	s	1,2-Dichloroethane-d4	2.628	2.654	-1.0	120	-0.02
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	119	-0.02
29		1,1-Dichloropropene	0.314	0.289	8.0	118	-0.03
30	M	2-Butanone	0.387	0.350	9.6	119	-0.03
31		2,2-Dichloropropane	0.460	0.455	1.1	127	-0.02
32	M	1,1,1-Trichloroethane	0.395	0.383	3.0	126	-0.03
33	M	Carbon Tetrachloride	0.253	0.254	-0.4	127	-0.03
34	M	Benzene	1.163	1.095	5.8	122	-0.03
35		Methacrylonitrile	0.329	0.333	-1.2	121	-0.02
36	M	1,2-Dichloroethane	0.431	0.417	3.2	124	-0.02
37	M	Trichloroethene	0.214	0.201	6.1	122	-0.03
38		Methylcyclohexane	0.316	0.308	2.5	124	-0.03
39	M	1,2-Dichloropropane	0.305	0.285	6.6	120	-0.02
40		Dibromomethane	0.188	0.178	5.3	127	-0.03
41	M	Bromodichloromethane	0.241	0.231	4.1	122	-0.02
42	M	Vinyl Acetate	0.949	0.908	4.3	124	-0.03
43		Ethyl Acetate	0.636	0.565	11.2	115	-0.03
44		Isopropyl Acetate	1.001	0.942	5.9	122	-0.03
45	T	1,4-Dioxane	0.009	0.007	22.2	101	-0.03
46		Methyl methacrylate	0.448	0.426	4.9	124	-0.02
47		n-amyl Acetate	0.674	0.648	3.9	123	-0.02
48	M	t-1,3-Dichloropropene	0.438	0.434	0.9	126	-0.02

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49	T	cis-1,3-Dichloropropene	0.460	0.449	2.4	127	-0.03
50	M	1,1,2-Trichloroethane	0.276	0.263	4.7	122	-0.02
51		Ethyl methacrylate	0.518	0.506	2.3	123	-0.02
52		1,3-Dichloropropane	0.493	0.468	5.1	122	-0.03
53	M	Dibromochloromethane	0.258	0.256	0.8	127	-0.03
54	M	1,2-Dibromoethane	0.257	0.250	2.7	125	-0.02
55	M	2-Chloroethyl vinyl ether	0.151	0.126	16.6	122	-0.02
56	M	Bromoform	0.169	0.174	-3.0	130	-0.03
57	I	Chlorobenzene-d5	1.000	1.000	0.0	117	-0.03
58	M	4-Methyl-2-Pentanone	0.735	0.661	10.1	118	-0.03
59	M	2-Hexanone	0.735	0.661	10.1	118	-0.03
60	S	4-Bromofluorobenzene	0.471	0.466	1.1	119	-0.03
61	M	Tetrachloroethene	0.190	0.181	4.7	121	-0.02
62	M	Toluene	1.344	1.263	6.0	120	-0.03
63	S	Toluene-d8	1.460	1.428	2.2	114	-0.02
64	M	Chlorobenzene	0.821	0.751	8.5	118	-0.03
65		1,1,1,2-Tetrachloroethane	0.267	0.269	-0.7	127	-0.02
66	M	Ethyl Benzene	1.460	1.348	7.7	119	-0.03
67	M	m/p-Xylenes	0.543	0.508	6.4	121	-0.02
68	M	o-Xylene	0.560	0.520	7.1	123	-0.03
69	M	Styrene	1.006	0.953	5.3	123	-0.03
70		Isopropylbenzene	1.374	1.346	2.0	125	-0.03
71	M	1,1,2,2-Tetrachloroethane	0.539	0.512	5.0	120	-0.03
72		1,2,3-Trichloropropane	0.398	0.457	-14.8	141	-0.02
73		Bromobenzene	0.323	0.309	4.3	124	-0.03
74		n-propylbenzene	1.657	1.585	4.3	122	-0.02
75		2-Chlorotoluene	1.015	0.986	2.9	125	-0.03
76		1,3,5-Trimethylbenzene	1.128	1.086	3.7	124	-0.02
77		t-1,4-Dichloro-2-butene	0.193	0.194	-0.5	126	-0.02
78		4-Chlorotoluene	1.001	0.961	4.0	123	-0.03
79		tert-butylbenzene	1.001	0.959	4.2	117	-0.02
80		1,2,4-Trimethylbenzene	1.176	1.115	5.2	120	-0.03
81		sec-Butylbenzene	1.443	1.405	2.6	123	-0.03
82		p-Isopropyltoluene	1.200	1.170	2.5	124	-0.03
83	M	1,3-Dichlorobenzene	0.634	0.627	1.1	126	-0.03
84	M	1,4-Dichlorobenzene	0.638	0.629	1.4	126	-0.03
85		n-Butylbenzene	1.099	1.069	2.7	123	-0.03
86	T	Hexachloroethane	0.161	0.176	-9.3	137	-0.04
87	M	1,2-Dichlorobenzene	0.633	0.636	-0.5	127	-0.03
88		1,2-Dibromo-3-Chloropropane	0.118	0.115	2.5	124	-0.03
89		1,2,4-Trichlorobenzene	0.385	0.393	-2.1	130	-0.04
90		Hexachlorobutadiene	0.128	0.135	-5.5	128	-0.04
91	M	Naphthalene	1.490	1.502	-0.8	130	-0.03
92		1,2,3-Trichlorobenzene	0.389	0.387	0.5	125	-0.04

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