Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102425\
Data File : VT019181.D
Acq On : 24 Oct 2025 15:53
Operator : SY/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_T
LabSampleId :
VSTDCCC020

Quant Time: Oct 25 01:47:12 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	111	-0.03
2	M	Dichlorodifluoromethane	0.823	0.766	6.9	108	0.00
3	M	Chloromethane	1.890	1.856	1.8	113	-0.01
4	M	Vinyl Chloride	2.112	1.793	15.1	108	-0.02
5	M	Bromomethane	1.754	1.598	8.9	107	0.00
6	M	Chloroethane	1.863	1.578	15.3	102	0.00
7	M	Trichlorofluoromethane	3.425	2.920	14.7	107	-0.01
8	T	Diethyl Ether	2.109	1.929	8.5	113	-0.02
9		1,1,2-Trichlorotrifluoroeth	1.345	1.251	7.0	99	-0.02
10	M	1,1-Dichloroethene	1.347	1.290	4.2	99	-0.03
11		Methyl Iodide	1.313	1.309	0.3	116	-0.02
12		Methyl Acetate	5.327	5.863	-10.1	127	-0.03
13	M	Acrolein	0.180	0.120	33.3#	64	-0.02
14	M	Acrylonitrile	1.642	1.539	6.3	112	-0.03
15	M	Acetone	0.585	0.484	17.3	97	-0.02
16	M	Carbon Disulfide	2.516	2.256	10.3	107	-0.02
17		Allyl chloride	3.202	3.270	-2.1	129	-0.02
18	M	Methylene Chloride	2.009	1.958	2.5	116	-0.02
19	M	trans-1,2-Dichloroethene	2.073	2.113	-1.9	121	-0.03
20	T	Diisopropyl ether	8.152	8.064	1.1	120	-0.02
21	M	1,1-Dichloroethane	3.809	3.718	2.4	118	-0.04
22	M	cis-1,2-Dichloroethene	2.073	2.113	-1.9	121	-0.03
23	M	tert-Butyl Alcohol	0.719	0.665	7.5	110	-0.04
24	M	Methyl tert-Butyl Ether	8.095	7.979	1.4	118	-0.04
25	M	Chloroform	3.484	3.511	-0.8	123	-0.03
26		Cyclohexane	2.235	2.061	7.8	110	-0.03
27	s	1,2-Dichloroethane-d4	2.628	2.592	1.4	109	-0.03
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	110	-0.02
29		1,1-Dichloropropene	0.314	0.307	2.2	115	-0.03
30	M	2-Butanone	0.387	0.345	10.9	108	-0.03
31		2,2-Dichloropropane	0.460	0.452	1.7	116	-0.02
32	M	1,1,1-Trichloroethane	0.395	0.398	-0.8	120	-0.03
33	M	Carbon Tetrachloride	0.253	0.261	-3.2	120	-0.02
34	M	Benzene	1.163	1.142	1.8	117	-0.03
35		Methacrylonitrile	0.329	0.301	8.5	100	-0.03
36	M	1,2-Dichloroethane	0.431	0.427	0.9	117	-0.02
37	M	Trichloroethene	0.214	0.217	-1.4	121	-0.02
38		Methylcyclohexane	0.316	0.301	4.7	112	-0.02
39	M	1,2-Dichloropropane	0.305	0.306	-0.3	119	-0.02
40		Dibromomethane	0.188	0.190	-1.1	125	-0.03
41	M	Bromodichloromethane	0.241	0.251	-4.1	122	-0.03
42	M	Vinyl Acetate	0.949	0.897	5.5	113	-0.03
43		Ethyl Acetate	0.636	0.643	-1.1	120	-0.03
44		Isopropyl Acetate	1.001	0.971	3.0	115	-0.03
45	T	1,4-Dioxane	0.009	0.008	11.1	105	-0.04
46		Methyl methacrylate	0.448	0.444	0.9	119	-0.02
47		n-amyl Acetate	0.674	0.663	1.6	116	-0.03
48	M	t-1,3-Dichloropropene	0.438	0.447	-2.1	120	-0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.460	0.477	-3.7	124	-0.02
50	M	1,1,2-Trichloroethane	0.276	0.283	-2.5	121	-0.02
51		Ethyl methacrylate	0.518	0.523	-1.0	117	-0.02
52		1,3-Dichloropropane	0.493	0.503	-2.0	121	-0.03
53	M	Dibromochloromethane	0.258	0.272	-5.4	124	-0.02
54	M	1,2-Dibromoethane	0.257	0.259	-0.8	119	-0.02
55	M	2-Chloroethyl vinyl ether	0.151	0.144	4.6	128	-0.02
56	M	Bromoform	0.169	0.182	-7.7	124	-0.03
57	I	Chlorobenzene-d5	1.000	1.000	0.0	106	-0.03
58	M	4-Methyl-2-Pentanone	0.735	0.707	3.8	115	-0.03
59	M	2-Hexanone	0.735	0.707	3.8	115	-0.03
60	S	4-Bromofluorobenzene	0.471	0.465	1.3	108	-0.03
61	M	Tetrachloroethene	0.190	0.197	-3.7	120	-0.02
62	M	Toluene	1.344	1.369	-1.9	119	-0.03
63	S	Toluene-d8	1.460	1.452	0.5	106	-0.02
64	M	Chlorobenzene	0.821	0.841	-2.4	120	-0.03
65		1,1,1,2-Tetrachloroethane	0.267	0.286	-7.1	123	-0.02
66	M	Ethyl Benzene	1.460	1.491	-2.1	119	-0.03
67	M	m/p-Xylenes	0.543	0.551	-1.5	119	-0.02
68	M	o-Xylene	0.560	0.566	-1.1	122	-0.03
69	M	Styrene	1.006	1.003	0.3	117	-0.03
70		Isopropylbenzene	1.374	1.413	-2.8	120	-0.02
71	M	1,1,2,2-Tetrachloroethane	0.539	0.561	-4.1	120	-0.03
72		1,2,3-Trichloropropane	0.398	0.435	-9.3	122	-0.03
73		Bromobenzene	0.323	0.336	-4.0	123	-0.03
74		n-propylbenzene	1.657	1.683	-1.6	118	-0.02
75		2-Chlorotoluene	1.015	1.045	-3.0	120	-0.03
76		1,3,5-Trimethylbenzene	1.128	1.175	-4.2	123	-0.02
77		t-1,4-Dichloro-2-butene	0.193	0.201	-4.1	118	-0.02
78		4-Chlorotoluene	1.001	1.020	-1.9	119	-0.03
79		tert-butylbenzene	1.001	1.043	-4.2	116	-0.02
80		1,2,4-Trimethylbenzene	1.176	1.198	-1.9	117	-0.03
81		sec-Butylbenzene	1.443	1.463	-1.4	117	-0.03
82		p-Isopropyltoluene	1.200	1.239	-3.3	120	-0.03
83	M	1,3-Dichlorobenzene	0.634	0.663	-4.6	122	-0.03
84	M	1,4-Dichlorobenzene	0.638	0.668	-4.7	122	-0.02
85		n-Butylbenzene	1.099	1.102	-0.3	115	-0.03
86	T	Hexachloroethane	0.161	0.181	-12.4	128	-0.03
87	M	1,2-Dichlorobenzene	0.633	0.688	-8.7	125	-0.03
88		1,2-Dibromo-3-Chloropropane	0.118	0.119	-0.8	116	-0.03
89		1,2,4-Trichlorobenzene	0.385	0.398	-3.4	120	-0.04
90		Hexachlorobutadiene	0.128	0.134	-4.7	116	-0.04
91	M	Naphthalene	1.490	1.528	-2.6	120	-0.03
92		1,2,3-Trichlorobenzene	0.389	0.409	-5.1	120	-0.04

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