Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102225\
Data File : VT019161.D
Acq On : 22 Oct 2025 17:32
Operator : SY/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225

Quant Time: Oct 24 06:25:17 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	102	0.00
2	M	Dichlorodifluoromethane	0.823	0.715	13.1	92	0.00
3	M	Chloromethane	1.890	1.847	2.3	103	-0.01
4	M	Vinyl Chloride	2.112	1.801	14.7	99	0.00
5	M	Bromomethane	1.754	1.736	1.0	107	0.02
6	M	Chloroethane	1.863	1.660	10.9	99	0.01
7	M	Trichlorofluoromethane	3.425	2.937	14.2	99	0.01
8	T	Diethyl Ether	2.109	1.946	7.7	105	0.00
9		1,1,2-Trichlorotrifluoroeth	1.345	1.133	15.8	82	0.01
10	M	1,1-Dichloroethene	1.347	1.135	15.7	80	0.00
11		Methyl Iodide	1.313	1.163	11.4	95	0.00
12		Methyl Acetate	5.327	5.486	-3.0	109	0.00
13	M	Acrolein	0.180	0.106	41.1#	52	0.00
14	M	Acrylonitrile	1.642	1.479	9.9	99	0.00
15	M	Acetone	0.585	0.502	14.2	93	0.00
16	M	Carbon Disulfide	2.516	2.129	15.4	93	0.00
17		Allyl chloride	3.202	2.939	8.2	107	0.00
18	M	Methylene Chloride	2.009	1.807	10.1	99	0.01
19	M	trans-1,2-Dichloroethene	2.073	1.848	10.9	97	0.00
20	T	Diisopropyl ether	8.152	7.189	11.8	98	0.00
21	M	1,1-Dichloroethane	3.809	3.327	12.7	97	0.00
22	M	cis-1,2-Dichloroethene	2.073	1.848	10.9	97	0.00
23	M	tert-Butyl Alcohol	0.719	0.652	9.3	99	0.00
24	M	Methyl tert-Butyl Ether	8.095	7.147	11.7	97	-0.01
25	M	Chloroform	3.484	3.094	11.2	100	0.00
26		Cyclohexane	2.235	1.925	13.9	94	0.00
27	s	1,2-Dichloroethane-d4	2.628	2.707	-3.0	105	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29		1,1-Dichloropropene	0.314	0.262	16.6	95	0.00
30	M	2-Butanone	0.387	0.325	16.0	98	0.00
31		2,2-Dichloropropane	0.460	0.394	14.3	97	0.00
32	M	1,1,1-Trichloroethane	0.395	0.334	15.4	97	0.00
33	M	Carbon Tetrachloride	0.253	0.219	13.4	97	0.00
34	M	Benzene	1.163	0.999	14.1	98	0.00
35		Methacrylonitrile	0.329	0.273	17.0	88	0.00
36	M	1,2-Dichloroethane	0.431	0.375	13.0	98	0.00
37	M	Trichloroethene	0.214	0.178	16.8	96	0.00
38		Methylcyclohexane	0.316	0.251	20.6	89	0.00
39	M	1,2-Dichloropropane	0.305	0.254	16.7	95	0.00
40		Dibromomethane	0.188	0.164	12.8	104	0.00
41	M	Bromodichloromethane	0.241	0.219	9.1	102	0.00
42	M	Vinyl Acetate	0.949	0.789	16.9	95	0.00
43		Ethyl Acetate	0.636	0.517	18.7	93	0.00
44		Isopropyl Acetate	1.001	0.870	13.1	99	0.00
45	T	1,4-Dioxane	0.009	0.008	11.1	92	-0.01
46		Methyl methacrylate	0.448	0.394	12.1	101	0.00
47		n-amyl Acetate	0.674	0.596	11.6	100	0.00
48	M	t-1,3-Dichloropropene	0.438	0.388	11.4	99	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.460	0.400	13.0	100	0.00
50	M	1,1,2-Trichloroethane	0.276	0.241	12.7	99	0.00
51		Ethyl methacrylate	0.518	0.455	12.2	98	0.00
52		1,3-Dichloropropane	0.493	0.435	11.8	100	0.00
53	M	Dibromochloromethane	0.258	0.226	12.4	99	0.00
54	M	1,2-Dibromoethane	0.257	0.230	10.5	102	0.00
55	M	2-Chloroethyl vinyl ether	0.151	0.132	12.6	113	0.00
56	M	Bromoform	0.169	0.155	8.3	102	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.735	0.627	14.7	99	0.00
59	M	2-Hexanone	0.735	0.627	14.7	99	0.00
60	S	4-Bromofluorobenzene	0.471	0.462	1.9	104	0.00
61	M	Tetrachloroethene	0.190	0.165	13.2	97	0.00
62	M	Toluene	1.344	1.159	13.8	98	0.00
63	S	Toluene-d8	1.460	1.429	2.1	101	0.00
64	M	Chlorobenzene	0.821	0.713	13.2	99	0.00
65		1,1,1,2-Tetrachloroethane	0.267	0.233	12.7	98	0.00
66	M	Ethyl Benzene	1.460	1.236	15.3	96	0.00
67	M	m/p-Xylenes	0.543	0.462	14.9	97	0.00
68	M	o-Xylene	0.560	0.483	13.8	101	0.00
69	M	Styrene	1.006	0.856	14.9	97	0.00
70		Isopropylbenzene	1.374	1.180	14.1	97	0.00
71	M	1,1,2,2-Tetrachloroethane	0.539	0.491	8.9	102	0.00
72		1,2,3-Trichloropropane	0.398	0.401	-0.8	109	0.00
73		Bromobenzene	0.323	0.282	12.7	100	0.00
74		n-propylbenzene	1.657	1.411	14.8	96	0.00
75		2-Chlorotoluene	1.015	0.878	13.5	98	0.00
76		1,3,5-Trimethylbenzene	1.128	0.988	12.4	100	0.00
77		t-1,4-Dichloro-2-butene	0.193	0.170	11.9	98	0.00
78		4-Chlorotoluene	1.001	0.865	13.6	98	0.00
79		tert-butylbenzene	1.001	0.866	13.5	94	0.00
80		1,2,4-Trimethylbenzene	1.176	1.019	13.4	97	0.00
81		sec-Butylbenzene	1.443	1.232	14.6	96	0.00
82		p-Isopropyltoluene	1.200	1.020	15.0	96	0.00
83	M	1,3-Dichlorobenzene	0.634	0.548	13.6	98	0.00
84	M	1,4-Dichlorobenzene	0.638	0.563	11.8	99	0.00
85		n-Butylbenzene	1.099	0.912	17.0	92	0.00
86	T	Hexachloroethane	0.161	0.148	8.1	101	0.00
87	M	1,2-Dichlorobenzene	0.633	0.556	12.2	98	0.00
88		1,2-Dibromo-3-Chloropropane	0.118	0.107	9.3	102	0.00
89		1,2,4-Trichlorobenzene	0.385	0.336	12.7	99	0.00
90		Hexachlorobutadiene	0.128	0.111	13.3	93	-0.01
91	M	Naphthalene	1.490	1.297	13.0	99	0.00
92		1,2,3-Trichlorobenzene	0.389	0.343	11.8	98	-0.01

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