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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	102	0.00
2	M	Dichlorodifluoromethane	20.000	17.378	13.1	92	0.00
3	M	Chloromethane	20.000	19.551	2.2	103	-0.01
4	M	Vinyl Chloride	20.000	17.052	14.7	99	0.00
5	M	Bromomethane	20.000	19.792	1.0	107	0.02
6	M	Chloroethane	20.000	17.825	10.9	99	0.01
7	M	Trichlorofluoromethane	20.000	17.148	14.3	99	0.01
8	T	Diethyl Ether	20.000	18.453	7.7	105	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	16.847	15.8	82	0.01
10	M	1,1-Dichloroethene	20.000	16.854	15.7	80	0.00
11		Methyl Iodide	20.000	17.720	11.4	95	0.00
12		Methyl Acetate	20.000	20.597	-3.0	109	0.00
13	M	Acrolein	100.000	58.968	41.0#	52	0.00
14	M	Acrylonitrile	100.000	90.056	9.9	99	0.00
15	M	Acetone	100.000	85.738	14.3	93	0.00
16	M	Carbon Disulfide	20.000	16.920	15.4	93	0.00
17		Allyl chloride	20.000	18.357	8.2	107	0.00
18	M	Methylene Chloride	20.000	17.990	10.1	99	0.01
19	M	trans-1,2-Dichloroethene	20.000	17.835	10.8	97	0.00
20	T	Diisopropyl ether	20.000	17.638	11.8	98	0.00
21	M	1,1-Dichloroethane	20.000	17.466	12.7	97	0.00
22	M	cis-1,2-Dichloroethene	20.000	17.835	10.8	97	0.00
23	M	tert-Butyl Alcohol	100.000	90.628	9.4	99	0.00
24	M	Methyl tert-Butyl Ether	20.000	17.657	11.7	97	-0.01
25	M	Chloroform	20.000	17.757	11.2	100	0.00
26		Cyclohexane	20.000	17.223	13.9	94	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.893	-3.0	105	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29		1,1-Dichloropropene	20.000	16.669	16.7	95	0.00
30	M	2-Butanone	100.000	84.062	15.9	98	0.00
31		2,2-Dichloropropane	20.000	17.150	14.3	97	0.00
32	M	1,1,1-Trichloroethane	20.000	16.898	15.5	97	0.00
33	M	Carbon Tetrachloride	20.000	17.302	13.5	97	0.00
34	M	Benzene	20.000	17.178	14.1	98	0.00
35		Methacrylonitrile	20.000	16.604	17.0	88	0.00
36	M	1,2-Dichloroethane	20.000	17.373	13.1	98	0.00
37	M	Trichloroethene	20.000	16.671	16.6	96	0.00
38		Methylcyclohexane	20.000	15.868	20.7	89	0.00
39	M	1,2-Dichloropropane	20.000	16.683	16.6	95	0.00
40		Dibromomethane	20.000	17.515	12.4	104	0.00
41	M	Bromodichloromethane	20.000	18.129	9.4	102	0.00
42	M	Vinyl Acetate	100.000	83.134	16.9	95	0.00
43		Ethyl Acetate	20.000	16.248	18.8	93	0.00
44		Isopropyl Acetate	20.000	17.380	13.1	99	0.00
45	T	1,4-Dioxane	400.000	352.737	11.8	92	-0.01
46		Methyl methacrylate	20.000	17.622	11.9	101	0.00
47		n-amyl Acetate	20.000	17.689	11.6	100	0.00
48	M	t-1,3-Dichloropropene	20.000	17.705	11.5	99	0.00

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	17.399	13.0	100	0.00
50	M	1,1,2-Trichloroethane	20.000	17.473	12.6	99	0.00
51		Ethyl methacrylate	20.000	17.570	12.1	98	0.00
52		1,3-Dichloropropane	20.000	17.646	11.8	100	0.00
53	M	Dibromochloromethane	20.000	17.542	12.3	99	0.00
54	M	1,2-Dibromoethane	20.000	17.927	10.4	102	0.00
55	M	2-Chloroethyl vinyl ether	100.000	87.333	12.7	113	0.00
56	M	Bromoform	20.000	18.330	8.4	102	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	100.000	85.352	14.6	99	0.00
59	M	2-Hexanone	100.000	85.352	14.6	99	0.00
60	S	4-Bromofluorobenzene	30.000	29.405	2.0	104	0.00
61	M	Tetrachloroethene	20.000	17.372	13.1	97	0.00
62	M	Toluene	20.000	17.249	13.8	98	0.00
63	S	Toluene-d8	30.000	29.369	2.1	101	0.00
64	M	Chlorobenzene	20.000	17.368	13.2	99	0.00
65		1,1,1,2-Tetrachloroethane	20.000	17.465	12.7	98	0.00
66	M	Ethyl Benzene	20.000	16.927	15.4	96	0.00
67	M	m/p-Xylenes	40.000	34.041	14.9	97	0.00
68	M	o-Xylene	20.000	17.223	13.9	101	0.00
69	M	Styrene	20.000	17.011	14.9	97	0.00
70		Isopropylbenzene	20.000	17.168	14.2	97	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	18.200	9.0	102	0.00
72		1,2,3-Trichloropropane	20.000	20.131	-0.7	109	0.00
73		Bromobenzene	20.000	17.436	12.8	100	0.00
74		n-propylbenzene	20.000	17.024	14.9	96	0.00
75		2-Chlorotoluene	20.000	17.315	13.4	98	0.00
76		1,3,5-Trimethylbenzene	20.000	17.520	12.4	100	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.606	12.0	98	0.00
78		4-Chlorotoluene	20.000	17.279	13.6	98	0.00
79		tert-butylbenzene	20.000	17.289	13.6	94	0.00
80		1,2,4-Trimethylbenzene	20.000	17.329	13.4	97	0.00
81		sec-Butylbenzene	20.000	17.070	14.6	96	0.00
82		p-Isopropyltoluene	20.000	16.999	15.0	96	0.00
83	M	1,3-Dichlorobenzene	20.000	17.305	13.5	98	0.00
84	M	1,4-Dichlorobenzene	20.000	17.631	11.8	99	0.00
85		n-Butylbenzene	20.000	16.595	17.0	92	0.00
86	T	Hexachloroethane	20.000	18.344	8.3	101	0.00
87	M	1,2-Dichlorobenzene	20.000	17.557	12.2	98	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.061	9.7	102	0.00
89		1,2,4-Trichlorobenzene	20.000	17.454	12.7	99	0.00
90		Hexachlorobutadiene	20.000	17.386	13.1	93	-0.01
91	M	Naphthalene	20.000	17.407	13.0	99	0.00
92		1,2,3-Trichlorobenzene	20.000	17.627	11.9	98	-0.01

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