Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080825\
Data File : VN087494.D
Acq On : 08 Aug 2025 10:39
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 11 01:16:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 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	90	0.00
2	M	Dichlorodifluoromethane	20.000	18.899	5.5	81	0.00
3	M	Chloromethane	20.000	18.688	6.6	78	0.00
4	M	Vinyl Chloride	20.000	18.678	6.6	78	0.00
5	M	Bromomethane	20.000	13.386	33.1#	60	0.00
6	M	Chloroethane	20.000	19.012	4.9	82	0.00
7	M	Trichlorofluoromethane	20.000	18.303	8.5	79	0.00
8	T	Diethyl Ether	20.000	18.588	7.1	81	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	18.618	6.9	83	0.00
10	M	1,1-Dichloroethene	20.000	19.338	3.3	83	0.00
11		Methyl Iodide	20.000	7.893	60.5#	43	0.00
12		Methyl Acetate	20.000	18.897	5.5	84	0.00
13	M	Acrolein	100.000	109.897	-9.9	99	0.00
14	M	Acrylonitrile	100.000	92.135	7.9	81	0.00
15	M	Acetone	100.000	87.330	12.7	71	0.00
16	M	Carbon Disulfide	20.000	17.902	10.5	80	0.00
17		Allyl chloride	20.000	17.874	10.6	80	0.00
18	M	Methylene Chloride	20.000	18.116	9.4	80	0.00
19	M	trans-1,2-Dichloroethene	20.000	17.512	12.4	77	0.00
20	T	Diisopropyl ether	20.000	18.135	9.3	80	0.00
21	M	1,1-Dichloroethane	20.000	18.332	8.3	79	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.305	8.5	79	0.00
23	M	tert-Butyl Alcohol	100.000	91.974	8.0	82	0.00
24	M	Methyl tert-Butyl Ether	20.000	18.100	9.5	80	0.00
25	M	Chloroform	20.000	18.238	8.8	80	0.00
26		Cyclohexane	20.000	18.119	9.4	78	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.322	-1.1	89	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29		1,1-Dichloropropene	20.000	17.536	12.3	77	0.00
30	M	2-Butanone	100.000	88.479	11.5	77	0.00
31		2,2-Dichloropropane	20.000	17.562	12.2	76	0.00
32	M	1,1,1-Trichloroethane	20.000	18.161	9.2	81	0.00
33	M	Carbon Tetrachloride	20.000	17.525	12.4	77	0.00
34	M	Benzene	20.000	18.114	9.4	80	0.00
35		Methacrylonitrile	20.000	18.738	6.3	81	0.00
36	M	1,2-Dichloroethane	20.000	18.062	9.7	78	0.00
37	M	Trichloroethene	20.000	18.604	7.0	81	0.00
38		Methylcyclohexane	20.000	16.890	15.5	74	0.00
39	M	1,2-Dichloropropane	20.000	18.333	8.3	80	0.00
40		Dibromomethane	20.000	18.086	9.6	79	0.00
41	M	Bromodichloromethane	20.000	17.901	10.5	80	0.00
42	M	Vinyl Acetate	100.000	90.774	9.2	78	0.00
43		Ethyl Acetate	20.000	17.607	12.0	77	0.00
44		Isopropyl Acetate	20.000	17.756	11.2	77	0.00
45	T	1,4-Dioxane	400.000	364.360	8.9	78	0.00
46		Methyl methacrylate	20.000	17.475	12.6	77	0.00
47		n-amyl Acetate	20.000	21.769	-8.8	111	0.00
48	M	t-1,3-Dichloropropene	20.000	17.145	14.3	76	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	17.643	11.8	79	0.00
50	M	1,1,2-Trichloroethane	20.000	18.020	9.9	79	0.00
51		Ethyl methacrylate	20.000	17.458	12.7	78	0.00
52		1,3-Dichloropropane	20.000	18.147	9.3	80	0.00
53	M	Dibromochloromethane	20.000	17.085	14.6	77	0.00
54	M	1,2-Dibromoethane	20.000	17.654	11.7	77	0.00
55	M	2-Chloroethyl vinyl ether	100.000	99.474	0.5	87	0.00
56	M	Bromoform	20.000	16.431	17.8	75	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58	M	4-Methyl-2-Pentanone	100.000	92.643	7.4	79	0.00
59	M	2-Hexanone	100.000	90.030	10.0	80	0.00
60	S	4-Bromofluorobenzene	30.000	29.595	1.4	87	0.00
61	M	Tetrachloroethene	20.000	19.627	1.9	87	0.00
62	M	Toluene	20.000	18.141	9.3	79	0.00
63	S	Toluene-d8	30.000	30.292	-1.0	90	0.00
64	M	Chlorobenzene	20.000	17.980	10.1	79	0.00
65		1,1,1,2-Tetrachloroethane	20.000	17.259	13.7	76	0.00
66	M	Ethyl Benzene	20.000	17.831	10.8	77	0.00
67	M	m/p-Xylenes	40.000	35.903	10.2	79	0.00
68	M	o-Xylene	20.000	17.633	11.8	78	0.00
69	M	Styrene	20.000	17.799	11.0	78	0.00
70		Isopropylbenzene	20.000	17.962	10.2	78	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	18.186	9.1	77	0.00
72		1,2,3-Trichloropropane	20.000	16.707	16.5	79	0.00
73		Bromobenzene	20.000	17.499	12.5	78	0.00
74		n-propylbenzene	20.000	18.151	9.2	79	0.00
75		2-Chlorotoluene	20.000	18.066	9.7	79	0.00
76		1,3,5-Trimethylbenzene	20.000	17.941	10.3	78	0.00
77		t-1,4-Dichloro-2-butene	20.000	14.023	29.9#	66	0.00
78		4-Chlorotoluene	20.000	17.976	10.1	80	0.00
79		tert-butylbenzene	20.000	17.933	10.3	78	0.00
80		1,2,4-Trimethylbenzene	20.000	18.267	8.7	80	0.00
81		sec-Butylbenzene	20.000	18.194	9.0	79	0.00
82		p-Isopropyltoluene	20.000	17.892	10.5	78	0.00
83	M	1,3-Dichlorobenzene	20.000	18.250	8.8	80	0.00
84	M	1,4-Dichlorobenzene	20.000	17.712	11.4	77	0.00
85		n-Butylbenzene	20.000	17.979	10.1	78	0.00
86	T	Hexachloroethane	20.000	16.307	18.5	72	0.00
87	M	1,2-Dichlorobenzene	20.000	18.738	6.3	81	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.416	12.9	75	0.00
89		1,2,4-Trichlorobenzene	20.000	17.883	10.6	79	0.00
90		Hexachlorobutadiene	20.000	16.822	15.9	74	0.00
91	M	Naphthalene	20.000	17.377	13.1	76	0.00
92		1,2,3-Trichlorobenzene	20.000	17.883	10.6	79	0.00

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