Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
Data File : VN079176.D
Acq On : 07 Sep 2023 13:27
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723

Quant Time: Sep 08 05:41:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 08 05:09:17 2023
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	95	0.00
2	M	Dichlorodifluoromethane	20.000	19.741	1.3	101	0.00
3	M	Chloromethane	20.000	14.230	28.8#	72	0.00
4	M	Vinyl Chloride	20.000	16.113	19.4	82	0.00
5	M	Bromomethane	20.000	17.896	10.5	94	0.00
6	M	Chloroethane	20.000	19.102	4.5	98	0.00
7	M	Trichlorofluoromethane	20.000	19.039	4.8	97	0.00
8	T	Diethyl Ether	20.000	18.753	6.2	91	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	18.766	6.2	93	0.00
10	M	1,1-Dichloroethene	20.000	18.819	5.9	90	0.00
11		Methyl Iodide	20.000	20.049	-0.2	100	0.00
12		Methyl Acetate	20.000	18.991	5.0	97	0.00
13	M	Acrolein	100.000	88.641	11.4	82	0.00
14	M	Acrylonitrile	100.000	88.512	11.5	89	0.00
15	M	Acetone	100.000	98.534	1.5	96	0.00
16	M	Carbon Disulfide	20.000	18.848	5.8	94	0.00
17		Allyl chloride	20.000	18.714	6.4	88	0.01
18	M	Methylene Chloride	20.000	18.305	8.5	92	0.00
19	M	trans-1,2-Dichloroethene	20.000	17.741	11.3	86	0.00
20	T	Diisopropyl ether	20.000	14.919	25.4#	61	0.00
21	M	1,1-Dichloroethane	20.000	15.365	23.2	65	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.395	-2.0	95	0.00
23	M	tert-Butyl Alcohol	100.000	90.646	9.4	93	0.00
24	M	Methyl tert-Butyl Ether	20.000	17.773	11.1	86	0.00
25	M	Chloroform	20.000	19.495	2.5	96	0.00
26		Cyclohexane	20.000	19.763	1.2	97	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.256	2.5	96	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29		1,1-Dichloropropene	20.000	19.241	3.8	98	0.00
30	M	2-Butanone	100.000	102.607	-2.6	97	0.00
31		2,2-Dichloropropane	20.000	20.944	-4.7	99	0.00
32	M	1,1,1-Trichloroethane	20.000	19.054	4.7	97	0.00
33	M	Carbon Tetrachloride	20.000	19.496	2.5	100	0.00
34	M	Benzene	20.000	18.896	5.5	96	0.00
35		Methacrylonitrile	20.000	19.316	3.4	94	0.00
36	M	1,2-Dichloroethane	20.000	18.564	7.2	98	0.00
37	M	Trichloroethene	20.000	19.058	4.7	102	0.00
38		Methylcyclohexane	20.000	19.477	2.6	99	0.00
39	M	1,2-Dichloropropane	20.000	19.199	4.0	98	0.00
40		Dibromomethane	20.000	19.050	4.7	98	0.00
41	M	Bromodichloromethane	20.000	19.192	4.0	98	0.00
42	M	Vinyl Acetate	100.000	75.787	24.2	65	0.00
43		Ethyl Acetate	20.000	21.052	-5.3	95	0.00
44		Isopropyl Acetate	20.000	19.068	4.7	99	0.00
45	T	1,4-Dioxane	400.000	392.311	1.9	104	0.00
46		Methyl methacrylate	20.000	19.872	0.6	100	0.00
47		n-amyl Acetate	20.000	19.829	0.9	106	0.00
48	M	t-1,3-Dichloropropene	20.000	18.352	8.2	95	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	19.805	1.0	104	0.00
50	M	1,1,2-Trichloroethane	20.000	19.529	2.4	99	0.00
51		Ethyl methacrylate	20.000	19.111	4.4	95	0.00
52		1,3-Dichloropropane	20.000	19.737	1.3	97	0.00
53	M	Dibromochloromethane	20.000	19.456	2.7	100	0.00
54	M	1,2-Dibromoethane	20.000	19.586	2.1	98	0.00
55	M	2-Chloroethyl vinyl ether	100.000	101.545	-1.5	104	0.00
56	M	Bromoform	20.000	19.286	3.6	103	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58	M	4-Methyl-2-Pentanone	100.000	100.458	-0.5	99	0.00
59	M	2-Hexanone	100.000	104.460	-4.5	98	0.00
60	S	4-Bromofluorobenzene	30.000	30.708	-2.4	94	0.00
61	M	Tetrachloroethene	20.000	20.106	-0.5	97	0.00
62	M	Toluene	20.000	19.522	2.4	97	0.00
63	S	Toluene-d8	30.000	30.286	-1.0	96	0.00
64	M	Chlorobenzene	20.000	19.585	2.1	98	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.884	0.6	100	0.00
66	M	Ethyl Benzene	20.000	20.417	-2.1	99	0.00
67	M	m/p-Xylenes	40.000	40.586	-1.5	98	0.00
68	M	o-Xylene	20.000	21.136	-5.7	112	0.00
69	M	Styrene	20.000	21.226	-6.1	108	0.00
70		Isopropylbenzene	20.000	20.476	-2.4	100	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.667	1.7	98	0.00
72		1,2,3-Trichloropropane	20.000	18.912	5.4	98	0.00
73		Bromobenzene	20.000	19.241	3.8	94	0.00
74		n-propylbenzene	20.000	20.541	-2.7	98	0.00
75		2-Chlorotoluene	20.000	20.261	-1.3	98	0.00
76		1,3,5-Trimethylbenzene	20.000	20.553	-2.8	97	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.279	-1.4	98	0.00
78		4-Chlorotoluene	20.000	20.165	-0.8	97	0.00
79		tert-butylbenzene	20.000	19.790	1.1	91	0.00
80		1,2,4-Trimethylbenzene	20.000	19.321	3.4	90	0.00
81		sec-Butylbenzene	20.000	18.415	7.9	86	0.00
82		p-Isopropyltoluene	20.000	16.740	16.3	78	0.00
83	M	1,3-Dichlorobenzene	20.000	16.449	17.8	77	0.00
84	M	1,4-Dichlorobenzene	20.000	16.374	18.1	76	0.00
85		n-Butylbenzene	20.000	20.902	-4.5	97	0.00
86	T	Hexachloroethane	20.000	21.013	-5.1	98	0.00
87	M	1,2-Dichlorobenzene	20.000	20.761	-3.8	96	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	20.312	-1.6	95	0.00
89		1,2,4-Trichlorobenzene	20.000	20.065	-0.3	99	0.00
90		Hexachlorobutadiene	20.000	20.000	0.0	103	0.00
91	M	Naphthalene	20.000	19.024	4.9	93	0.00
92		1,2,3-Trichlorobenzene	20.000	20.065	-0.3	99	0.00

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