Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
Data File : VN078810.D
Acq On : 08 Aug 2023 20:16
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080823

Quant Time: Aug 09 05:08:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 09 05:05:47 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	97	0.00
2	M	Dichlorodifluoromethane	20.000	16.992	15.0	77	0.00
3	M	Chloromethane	20.000	19.808	1.0	90	0.00
4	M	Vinyl Chloride	20.000	19.823	0.9	94	0.00
5	M	Bromomethane	20.000	18.755	6.2	88	0.00
6	M	Chloroethane	20.000	18.768	6.2	89	0.00
7	M	Trichlorofluoromethane	20.000	18.344	8.3	82	0.00
8	T	Diethyl Ether	20.000	19.184	4.1	88	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	17.437	12.8	78	0.00
10	M	1,1-Dichloroethene	20.000	18.749	6.3	87	0.00
11		Methyl Iodide	20.000	18.568	7.2	85	0.00
12		Methyl Acetate	20.000	19.019	4.9	86	0.00
13	M	Acrolein	100.000	100.821	-0.8	100	0.00
14	M	Acrylonitrile	100.000	99.581	0.4	90	0.00
15	M	Acetone	100.000	96.685	3.3	88	0.00
16	M	Carbon Disulfide	20.000	18.001	10.0	81	0.00
17		Allyl chloride	20.000	18.219	8.9	91	0.00
18	M	Methylene Chloride	20.000	18.570	7.1	85	0.01
19	M	trans-1,2-Dichloroethene	20.000	19.435	2.8	90	0.00
20	T	Diisopropyl ether	20.000	20.214	-1.1	94	0.00
21	M	1,1-Dichloroethane	20.000	19.200	4.0	89	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.444	2.8	87	0.00
23	M	tert-Butyl Alcohol	100.000	93.691	6.3	88	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.291	-1.5	93	0.00
25	M	Chloroform	20.000	19.356	3.2	90	0.00
26		Cyclohexane	20.000	17.595	12.0	84	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.170	-0.6	95	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29		1,1-Dichloropropene	20.000	18.730	6.3	83	0.00
30	M	2-Butanone	100.000	102.034	-2.0	92	0.00
31		2,2-Dichloropropane	20.000	17.464	12.7	78	0.01
32	M	1,1,1-Trichloroethane	20.000	19.309	3.5	90	0.00
33	M	Carbon Tetrachloride	20.000	18.993	5.0	84	0.00
34	M	Benzene	20.000	19.316	3.4	88	0.00
35		Methacrylonitrile	20.000	18.837	5.8	86	0.00
36	M	1,2-Dichloroethane	20.000	20.616	-3.1	93	0.00
37	M	Trichloroethene	20.000	19.981	0.1	90	0.00
38		Methylcyclohexane	20.000	18.125	9.4	79	0.00
39	M	1,2-Dichloropropane	20.000	19.953	0.2	89	0.00
40		Dibromomethane	20.000	19.317	3.4	89	0.00
41	M	Bromodichloromethane	20.000	19.497	2.5	86	0.00
42	M	Vinyl Acetate	100.000	103.931	-3.9	93	0.00
43		Ethyl Acetate	20.000	20.739	-3.7	85	0.00
44		Isopropyl Acetate	20.000	19.762	1.2	92	0.00
45	T	1,4-Dioxane	400.000	401.053	-0.3	84	0.00
46		Methyl methacrylate	20.000	20.667	-3.3	94	0.00
47		n-amyl Acetate	20.000	19.078	4.6	84	0.00
48	M	t-1,3-Dichloropropene	20.000	19.638	1.8	88	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	19.390	3.0	86	0.00
50	M	1,1,2-Trichloroethane	20.000	20.736	-3.7	93	0.00
51		Ethyl methacrylate	20.000	19.432	2.8	89	0.00
52		1,3-Dichloropropane	20.000	19.956	0.2	90	0.00
53	M	Dibromochloromethane	20.000	19.691	1.5	91	0.00
54	M	1,2-Dibromoethane	20.000	19.840	0.8	90	0.00
55	M	2-Chloroethyl vinyl ether	100.000	102.163	-2.2	93	0.00
56	M	Bromoform	20.000	20.686	-3.4	93	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58	M	4-Methyl-2-Pentanone	100.000	99.836	0.2	92	0.00
59	M	2-Hexanone	100.000	99.009	1.0	90	0.00
60	S	4-Bromofluorobenzene	30.000	29.182	2.7	89	0.00
61	M	Tetrachloroethene	20.000	16.733	16.3	79	0.00
62	M	Toluene	20.000	19.143	4.3	88	0.00
63	S	Toluene-d8	30.000	29.761	0.8	93	0.00
64	M	Chlorobenzene	20.000	18.955	5.2	88	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.788	6.1	87	0.00
66	M	Ethyl Benzene	20.000	17.462	12.7	79	0.00
67	M	m/p-Xylenes	40.000	36.449	8.9	84	0.00
68	M	o-Xylene	20.000	18.539	7.3	84	0.00
69	M	Styrene	20.000	18.618	6.9	86	0.00
70		Isopropylbenzene	20.000	17.863	10.7	82	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.094	4.5	87	0.00
72		1,2,3-Trichloropropane	20.000	20.499	-2.5	99	0.00
73		Bromobenzene	20.000	17.981	10.1	84	0.00
74		n-propylbenzene	20.000	17.874	10.6	80	0.00
75		2-Chlorotoluene	20.000	18.147	9.3	82	0.00
76		1,3,5-Trimethylbenzene	20.000	18.282	8.6	81	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.266	-1.3	91	0.00
78		4-Chlorotoluene	20.000	17.877	10.6	80	0.00
79		tert-butylbenzene	20.000	18.578	7.1	82	0.00
80		1,2,4-Trimethylbenzene	20.000	18.677	6.6	83	0.00
81		sec-Butylbenzene	20.000	18.312	8.4	81	0.00
82		p-Isopropyltoluene	20.000	18.117	9.4	81	0.00
83	M	1,3-Dichlorobenzene	20.000	18.405	8.0	81	0.00
84	M	1,4-Dichlorobenzene	20.000	17.755	11.2	79	0.00
85		n-Butylbenzene	20.000	16.734	16.3	76	0.00
86	T	Hexachloroethane	20.000	18.561	7.2	85	0.00
87	M	1,2-Dichlorobenzene	20.000	17.909	10.5	79	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	21.337	-6.7	99	0.00
89		1,2,4-Trichlorobenzene	20.000	14.304	28.5#	63	0.00
90		Hexachlorobutadiene	20.000	16.241	18.8	71	0.00
91	M	Naphthalene	20.000	14.647	26.8#	66	0.00
92		1,2,3-Trichlorobenzene	20.000	15.492	22.5	68	0.00

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