Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
Data File : VN080984.D
Acq On : 09 Feb 2024 12:27
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020924

Quant Time: Feb 10 01:55:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 10 01:52:21 2024
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	20.721	-3.6	102	0.00
3	M	Chloromethane	20.000	21.047	-5.2	102	0.00
4	M	Vinyl Chloride	20.000	21.402	-7.0	103	0.00
5	M	Bromomethane	20.000	20.656	-3.3	97	0.04
6	M	Chloroethane	20.000	21.582	-7.9	102	0.02
7	M	Trichlorofluoromethane	20.000	20.686	-3.4	95	0.01
8	T	Diethyl Ether	20.000	19.569	2.2	92	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.507	-2.5	94	0.01
10	M	1,1-Dichloroethene	20.000	20.945	-4.7	96	0.00
11		Methyl Iodide	20.000	18.244	8.8	89	0.00
12		Methyl Acetate	20.000	19.926	0.4	96	0.00
13	M	Acrolein	100.000	83.617	16.4	75	0.00
14	M	Acrylonitrile	100.000	101.614	-1.6	96	0.00
15	M	Acetone	100.000	102.676	-2.7	97	0.00
16	M	Carbon Disulfide	20.000	19.417	2.9	89	0.01
17		Allyl chloride	20.000	20.956	-4.8	97	0.00
18	M	Methylene Chloride	20.000	19.544	2.3	89	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.846	0.8	90	0.01
20	T	Diisopropyl ether	20.000	20.867	-4.3	99	0.00
21	M	1,1-Dichloroethane	20.000	20.533	-2.7	95	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.467	-2.3	93	0.00
23	M	tert-Butyl Alcohol	100.000	108.853	-8.9	100	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.233	-1.2	94	0.00
25	M	Chloroform	20.000	20.944	-4.7	95	0.00
26		Cyclohexane	20.000	21.443	-7.2	97	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.716	-2.4	94	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29		1,1-Dichloropropene	20.000	20.670	-3.4	94	0.00
30	M	2-Butanone	100.000	101.785	-1.8	95	0.00
31		2,2-Dichloropropane	20.000	21.568	-7.8	99	0.00
32	M	1,1,1-Trichloroethane	20.000	20.789	-3.9	96	0.00
33	M	Carbon Tetrachloride	20.000	20.823	-4.1	95	0.00
34	M	Benzene	20.000	20.756	-3.8	95	0.00
35		Methacrylonitrile	20.000	20.742	-3.7	100	0.00
36	M	1,2-Dichloroethane	20.000	20.933	-4.7	95	0.00
37	M	Trichloroethene	20.000	21.097	-5.5	94	0.00
38		Methylcyclohexane	20.000	20.854	-4.3	96	0.00
39	M	1,2-Dichloropropane	20.000	20.606	-3.0	94	0.00
40		Dibromomethane	20.000	21.008	-5.0	96	0.00
41	M	Bromodichloromethane	20.000	20.293	-1.5	95	0.00
42	M	Vinyl Acetate	100.000	101.941	-1.9	97	0.00
43		Ethyl Acetate	20.000	20.557	-2.8	94	0.00
44		Isopropyl Acetate	20.000	20.537	-2.7	96	0.00
45	T	1,4-Dioxane	400.000	435.018	-8.8	100	0.00
46		Methyl methacrylate	20.000	19.986	0.1	95	0.00
47		n-amyl Acetate	20.000	19.672	1.6	92	0.00
48	M	t-1,3-Dichloropropene	20.000	20.610	-3.0	97	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	20.169	-0.8	93	0.00
50	M	1,1,2-Trichloroethane	20.000	19.909	0.5	93	0.00
51		Ethyl methacrylate	20.000	19.537	2.3	92	0.00
52		1,3-Dichloropropane	20.000	20.449	-2.2	94	0.00
53	M	Dibromochloromethane	20.000	19.199	4.0	91	0.00
54	M	1,2-Dibromoethane	20.000	20.139	-0.7	95	0.00
55	M	2-Chloroethyl vinyl ether	100.000	97.922	2.1	92	0.00
56	M	Bromoform	20.000	18.099	9.5	87	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58	M	4-Methyl-2-Pentanone	100.000	105.309	-5.3	96	0.00
59	M	2-Hexanone	100.000	107.938	-7.9	100	0.00
60	S	4-Bromofluorobenzene	30.000	31.070	-3.6	90	0.00
61	M	Tetrachloroethene	20.000	21.175	-5.9	93	0.00
62	M	Toluene	20.000	20.945	-4.7	93	0.00
63	S	Toluene-d8	30.000	30.898	-3.0	90	0.00
64	M	Chlorobenzene	20.000	20.739	-3.7	92	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.229	-1.1	90	0.00
66	M	Ethyl Benzene	20.000	21.128	-5.6	93	0.00
67	M	m/p-Xylenes	40.000	41.382	-3.5	90	0.00
68	M	o-Xylene	20.000	20.632	-3.2	93	0.00
69	M	Styrene	20.000	20.490	-2.4	92	0.00
70		Isopropylbenzene	20.000	20.663	-3.3	91	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.253	-1.3	91	0.00
72		1,2,3-Trichloropropane	20.000	20.683	-3.4	96	0.00
73		Bromobenzene	20.000	20.519	-2.6	90	0.00
74		n-propylbenzene	20.000	20.687	-3.4	91	0.00
75		2-Chlorotoluene	20.000	21.056	-5.3	92	0.00
76		1,3,5-Trimethylbenzene	20.000	20.753	-3.8	91	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.811	0.9	93	0.00
78		4-Chlorotoluene	20.000	20.931	-4.7	91	0.00
79		tert-butylbenzene	20.000	20.265	-1.3	87	0.00
80		1,2,4-Trimethylbenzene	20.000	21.202	-6.0	93	0.00
81		sec-Butylbenzene	20.000	20.845	-4.2	91	0.00
82		p-Isopropyltoluene	20.000	20.328	-1.6	91	0.00
83	M	1,3-Dichlorobenzene	20.000	20.280	-1.4	87	0.00
84	M	1,4-Dichlorobenzene	20.000	20.054	-0.3	87	0.00
85		n-Butylbenzene	20.000	20.785	-3.9	93	0.00
86	T	Hexachloroethane	20.000	19.245	3.8	87	0.00
87	M	1,2-Dichlorobenzene	20.000	20.382	-1.9	92	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	21.125	-5.6	103	0.00
89		1,2,4-Trichlorobenzene	20.000	19.258	3.7	84	0.00
90		Hexachlorobutadiene	20.000	19.067	4.7	85	0.00
91	M	Naphthalene	20.000	19.142	4.3	86	0.00
92		1,2,3-Trichlorobenzene	20.000	19.258	3.7	84	0.00

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