Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102418\
Data File : VN051978.D
Acq On : 24 Oct 2018 10:38
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Oct 24 14:48:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	115	0.00
2	M	Dichlorodifluoromethane	20.000	19.867	0.7	116	0.00
3	M	Chloromethane	20.000	16.459	17.7	92	0.00
4	M	Vinyl Chloride	20.000	14.458	27.7	79	0.00
5	M	Bromomethane	20.000	16.082	19.6	93	0.00
6	M	Chloroethane	20.000	14.759	26.2	80	0.00
7	M	Trichlorofluoromethane	20.000	18.137	9.3	112	0.01
8	T	Diethyl Ether	20.000	18.797	6.0	105	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.499	2.5	108	0.00
10	M	1,1-Dichloroethene	20.000	19.128	4.4	106	0.00
11		Methyl Iodide	20.000	22.207	-11.0	132	0.00
12		Methyl Acetate	20.000	19.436	2.8	107	0.00
13	M	Acrolein	100.000	39.939	60.1#	47	0.00
14	M	Acrylonitrile	100.000	91.283	8.7	104	0.00
15	M	Acetone	100.000	91.431	8.6	99	0.00
16	M	Carbon Disulfide	20.000	16.429	17.9	95	0.00
17		Allyl chloride	20.000	14.852	25.7	81	0.00
18	M	Methylene Chloride	20.000	19.236	3.8	107	0.00
19	M	trans-1,2-Dichloroethene	20.000	18.614	6.9	104	0.00
20	T	Diisopropyl ether	20.000	17.252	13.7	96	0.00
21	M	1,1-Dichloroethane	20.000	17.864	10.7	99	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.894	5.5	108	0.00
23	M	tert-Butyl Alcohol	100.000	74.067	25.9	86	0.00
24	M	Methyl tert-Butyl Ether	20.000	17.433	12.8	99	0.00
25	M	Chloroform	20.000	18.554	7.2	103	0.00
26		Cyclohexane	20.000	16.444	17.8	92	0.00
27	s	1,2-Dichloroethane-d4	30.000	28.798	4.0	105	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	113	0.00
29		1,1-Dichloropropene	20.000	17.713	11.4	100	0.00
30	M	2-Butanone	100.000	87.415	12.6	97	0.00
31		2,2-Dichloropropane	20.000	16.699	16.5	93	0.00
32	M	1,1,1-Trichloroethane	20.000	17.811	10.9	102	0.00
33	M	Carbon Tetrachloride	20.000	17.305	13.5	98	0.00
34	M	Benzene	20.000	18.274	8.6	102	0.00
35		Methacrylonitrile	20.000	12.584	37.1#	74	-0.02
36	M	1,2-Dichloroethane	20.000	18.212	8.9	102	0.00
37	M	Trichloroethene	20.000	18.793	6.0	106	0.00
38		Methylcyclohexane	20.000	16.871	15.6	95	0.00
39	M	1,2-Dichloropropane	20.000	17.868	10.7	99	0.00
40		Dibromomethane	20.000	19.254	3.7	111	0.00
41	M	Bromodichloromethane	20.000	17.007	15.0	96	0.00
42	M	Vinyl Acetate	100.000	82.898	17.1	93	0.00
43		Ethyl Acetate	20.000	17.125	14.4	93	0.00
44		Isopropyl Acetate	20.000	16.358	18.2	91	0.00
45	T	1,4-Dioxane	400.000	310.395	22.4	88	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	17.213	13.9	96	0.00
47		n-amyl Acetate	20.000	17.441	12.8	106	0.00
48	M	t-1,3-Dichloropropene	20.000	16.000	20.0	94	0.00
49	T	cis-1,3-Dichloropropene	20.000	17.250	13.8	99	0.00
50	M	1,1,2-Trichloroethane	20.000	18.704	6.5	105	0.00
51		Ethyl methacrylate	20.000	17.544	12.3	101	0.00
52		1,3-Dichloropropane	20.000	18.249	8.8	102	0.00
53	M	Dibromochloromethane	20.000	16.567	17.2	100	0.00
54	M	1,2-Dibromoethane	20.000	18.921	5.4	111	0.00
55	M	2-Chloroethyl vinyl ether	100.000	121.364	-21.4	138	0.00
56	M	Bromoform	20.000	14.825	25.9	97	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	113	0.00
58	M	4-Methyl-2-Pentanone	100.000	89.772	10.2	99	0.00
59	M	2-Hexanone	100.000	93.424	6.6	107	0.00
60	S	4-Bromofluorobenzene	30.000	29.818	0.6	115	0.00
61	M	Tetrachloroethene	20.000	18.260	8.7	101	0.00
62	M	Toluene	20.000	18.708	6.5	105	0.00
63	S	Toluene-d8	30.000	29.739	0.9	109	0.00
64	M	Chlorobenzene	20.000	19.272	3.6	111	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.496	7.5	105	0.00
66	M	Ethyl Benzene	20.000	18.448	7.8	104	0.00
67	M	m/p-Xylenes	40.000	36.626	8.4	105	0.00
68	M	o-Xylene	20.000	18.250	8.8	105	0.00
69	M	Styrene	20.000	18.621	6.9	111	0.00
70		Isopropylbenzene	20.000	18.015	9.9	104	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	18.702	6.5	106	0.00
72		1,2,3-Trichloropropane	20.000	19.763	1.2	117	0.00
73		Bromobenzene	20.000	19.488	2.6	117	0.00
74		n-propylbenzene	20.000	18.034	9.8	105	0.00
75		2-Chlorotoluene	20.000	18.076	9.6	104	0.00
76		1,3,5-Trimethylbenzene	20.000	17.655	11.7	103	0.00
77		t-1,4-Dichloro-2-butene	20.000	14.988	25.1	96	0.00
78		4-Chlorotoluene	20.000	18.723	6.4	110	0.00
79		tert-butylbenzene	20.000	18.004	10.0	104	0.00
80		1,2,4-Trimethylbenzene	20.000	18.124	9.4	105	0.00
81		sec-Butylbenzene	20.000	18.053	9.7	104	0.00
82		p-Isopropyltoluene	20.000	17.970	10.2	107	0.00
83	M	1,3-Dichlorobenzene	20.000	19.931	0.3	123	0.00
84	M	1,4-Dichlorobenzene	20.000	20.508	-2.5	129	0.00
85		n-Butylbenzene	20.000	18.371	8.1	111	0.00
86	T	Hexachloroethane	20.000	14.679	26.6	90	0.00
87	M	1,2-Dichlorobenzene	20.000	19.850	0.7	121	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	15.769	21.2	94	0.00
89		1,2,4-Trichlorobenzene	20.000	22.590	-13.0	149	0.00
90		Hexachlorobutadiene	20.000	17.703	11.5	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	22.896	-14.5	157	0.00
92	1,2,3-Trichlorobenzene	20.000	19.024	4.9	128	0.00

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