Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
Data File : VN051285.D
Acq On : 18 Sep 2018 8:06
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Sep 18 14:22:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 29 01:38:44 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	80	0.00
2	M	Dichlorodifluoromethane	20.000	15.256	23.7	57	0.00
3	M	Chloromethane	20.000	16.549	17.3	63	0.00
4	M	Vinyl Chloride	20.000	16.902	15.5	65	0.00
5	M	Bromomethane	20.000	15.334	23.3	64	0.00
6	M	Chloroethane	20.000	17.413	12.9	68	0.00
7	M	Trichlorofluoromethane	20.000	17.247	13.8	68	0.00
8	T	Diethyl Ether	20.000	15.107	24.5	62	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	17.961	10.2	71	0.00
10	M	1,1-Dichloroethene	20.000	17.117	14.4	68	0.00
11		Methyl Iodide	20.000	16.776	16.1	79	0.00
12		Methyl Acetate	20.000	10.668	46.7#	43	0.00
13	M	Acrolein	100.000	254.236	-154.2#	247	0.00
14	M	Acrylonitrile	100.000	63.672	36.3#	52	0.00
15	M	Acetone	100.000	79.557	20.4	68	0.00
16	M	Carbon Disulfide	20.000	17.611	11.9	71	0.00
17		Allyl chloride	20.000	15.671	21.6	65	0.00
18	M	Methylene Chloride	20.000	17.066	14.7	67	0.00
19	M	trans-1,2-Dichloroethene	20.000	17.077	14.6	69	0.00
20	T	Diisopropyl ether	20.000	15.828	20.9	62	0.00
21	M	1,1-Dichloroethane	20.000	16.718	16.4	66	0.00
22	M	cis-1,2-Dichloroethene	20.000	16.754	16.2	67	0.00
23	M	tert-Butyl Alcohol	100.000	51.773	48.2#	43	0.00
24	M	Methyl tert-Butyl Ether	20.000	14.620	26.9	60	0.00
25	M	Chloroform	20.000	17.255	13.7	68	0.00
26		Cyclohexane	20.000	16.206	19.0	67	0.00
27	s	1,2-Dichloroethane-d4	30.000	28.280	5.7	75	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	81	0.00
29		1,1-Dichloropropene	20.000	17.314	13.4	70	0.00
30	M	2-Butanone	100.000	60.924	39.1#	53	0.00
31		2,2-Dichloropropane	20.000	19.140	4.3	79	0.00
32	M	1,1,1-Trichloroethane	20.000	17.578	12.1	70	0.00
33	M	Carbon Tetrachloride	20.000	17.899	10.5	71	0.00
34	M	Benzene	20.000	17.021	14.9	67	0.00
35		Methacrylonitrile	20.000	12.536	37.3#	47	0.00
36	M	1,2-Dichloroethane	20.000	16.730	16.3	65	0.00
37	M	Trichloroethene	20.000	17.942	10.3	73	0.00
38		Methylcyclohexane	20.000	17.122	14.4	73	0.00
39	M	1,2-Dichloropropane	20.000	16.813	15.9	66	0.00
40		Dibromomethane	20.000	16.009	20.0	64	0.00
41	M	Bromodichloromethane	20.000	17.015	14.9	68	0.00
42	M	Vinyl Acetate	100.000	73.560	26.4	60	0.00
43		Ethyl Acetate	20.000	12.740	36.3#	50	0.00
44		Isopropyl Acetate	20.000	13.391	33.0#	54	0.00
45	T	1,4-Dioxane	400.000	247.763	38.1#	49	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	12.374	38.1#	52	0.00
47		n-amyl Acetate	20.000	10.292	48.5#	45	0.00
48	M	t-1,3-Dichloropropene	20.000	15.740	21.3	66	0.00
49	T	cis-1,3-Dichloropropene	20.000	16.722	16.4	69	0.00
50	M	1,1,2-Trichloroethane	20.000	16.153	19.2	63	0.00
51		Ethyl methacrylate	20.000	13.261	33.7#	58	0.00
52		1,3-Dichloropropane	20.000	15.324	23.4	61	0.00
53	M	Dibromochloromethane	20.000	16.527	17.4	68	0.00
54	M	1,2-Dibromoethane	20.000	15.204	24.0	62	0.00
55	M	2-Chloroethyl vinyl ether	100.000	73.670	26.3	63	0.00
56	M	Bromoform	20.000	15.166	24.2	63	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	79	0.00
58	M	4-Methyl-2-Pentanone	100.000	58.616	41.4#	48	0.00
59	M	2-Hexanone	100.000	55.413	44.6#	47	0.00
60	S	4-Bromofluorobenzene	30.000	28.340	5.5	75	0.00
61	M	Tetrachloroethene	20.000	18.199	9.0	70	0.00
62	M	Toluene	20.000	17.386	13.1	67	0.00
63	S	Toluene-d8	30.000	31.085	-3.6	80	0.00
64	M	Chlorobenzene	20.000	17.000	15.0	67	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.032	9.8	71	0.00
66	M	Ethyl Benzene	20.000	16.425	17.9	66	0.00
67	M	m/p-Xylenes	40.000	34.783	13.0	68	0.00
68	M	o-Xylene	20.000	17.022	14.9	67	0.00
69	M	Styrene	20.000	16.665	16.7	66	0.00
70		Isopropylbenzene	20.000	17.053	14.7	66	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	14.251	28.7	55	0.00
72		1,2,3-Trichloropropane	20.000	13.924	30.4#	54	0.00
73		Bromobenzene	20.000	16.346	18.3	65	0.00
74		n-propylbenzene	20.000	16.085	19.6	63	0.00
75		2-Chlorotoluene	20.000	16.770	16.2	66	0.00
76		1,3,5-Trimethylbenzene	20.000	16.981	15.1	66	0.00
77		t-1,4-Dichloro-2-butene	20.000	12.063	39.7#	52	0.00
78		4-Chlorotoluene	20.000	15.871	20.6	62	0.00
79		tert-butylbenzene	20.000	17.061	14.7	67	0.00
80		1,2,4-Trimethylbenzene	20.000	16.569	17.2	64	0.00
81		sec-Butylbenzene	20.000	16.826	15.9	66	0.00
82		p-Isopropyltoluene	20.000	16.697	16.5	66	0.00
83	M	1,3-Dichlorobenzene	20.000	15.485	22.6	62	0.00
84	M	1,4-Dichlorobenzene	20.000	14.722	26.4	59	0.00
85		n-Butylbenzene	20.000	14.167	29.2	60	0.00
86	T	Hexachloroethane	20.000	17.745	11.3	71	0.00
87	M	1,2-Dichlorobenzene	20.000	15.587	22.1	61	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	11.601	42.0#	45	0.00
89		1,2,4-Trichlorobenzene	20.000	9.573	52.1#	45	0.00
90		Hexachlorobutadiene	20.000	20.030	-0.2	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	13.635	31.8#	37	0.00
92	1,2,3-Trichlorobenzene	20.000	10.982	45.1#	48	0.00

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