Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071218\
Data File : VX003358.D
Acq On : 12 Jul 2018 18:15
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDCCC020EC

Quant Time: Jul 12 19:16:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X071218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 12 13:28:20 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	103	-0.01
2	M	Dichlorodifluoromethane	20.000	19.437	2.8	92	0.00
3	M	Chloromethane	20.000	18.199	9.0	87	0.00
4	M	Vinyl Chloride	20.000	18.453	7.7	89	0.00
5	M	Bromomethane	20.000	20.792	-4.0	99	0.00
6	M	Chloroethane	20.000	17.530	12.3	86	0.00
7	M	Trichlorofluoromethane	20.000	18.272	8.6	88	0.00
8	T	Diethyl Ether	20.000	18.094	9.5	91	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	18.003	10.0	91	0.00
10	M	1,1-Dichloroethene	20.000	18.064	9.7	90	0.00
11		Methyl Iodide	20.000	20.732	-3.7	113	0.00
12		Methyl Acetate	20.000	18.687	6.6	88	0.00
13	M	Acrolein	100.000	85.814	14.2	89	0.00
14	M	Acrylonitrile	100.000	88.811	11.2	88	0.00
15	M	Acetone	100.000	87.793	12.2	87	0.00
16	M	Carbon Disulfide	20.000	17.311	13.4	91	0.00
17		Allyl chloride	20.000	17.070	14.6	86	0.00
18	M	Methylene Chloride	20.000	17.469	12.7	90	0.00
19	M	trans-1,2-Dichloroethene	20.000	18.040	9.8	93	0.00
20	T	Diisopropyl ether	20.000	17.568	12.2	85	0.00
21	M	1,1-Dichloroethane	20.000	17.824	10.9	88	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.728	6.4	102	0.00
23	M	tert-Butyl Alcohol	100.000	80.998	19.0	78	0.00
24	M	Methyl tert-Butyl Ether	20.000	17.863	10.7	91	0.00
25	M	Chloroform	20.000	19.053	4.7	97	0.00
26		Cyclohexane	20.000	19.260	3.7	100	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.500	1.7	96	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29		1,1-Dichloropropene	20.000	18.633	6.8	99	0.00
30	M	2-Butanone	100.000	87.300	12.7	92	0.00
31		2,2-Dichloropropane	20.000	14.850	25.8	84	0.00
32	M	1,1,1-Trichloroethane	20.000	18.299	8.5	98	0.00
33	M	Carbon Tetrachloride	20.000	18.410	7.9	98	0.00
34	M	Benzene	20.000	19.315	3.4	99	0.00
35		Methacrylonitrile	20.000	18.366	8.2	96	0.00
36	M	1,2-Dichloroethane	20.000	0.151	99.2#	1	-0.08
37	M	Trichloroethene	20.000	19.716	1.4	102	0.00
38		Methylcyclohexane	20.000	18.571	7.1	99	0.00
39	M	1,2-Dichloropropane	20.000	19.035	4.8	98	0.00
40		Dibromomethane	20.000	18.931	5.3	97	0.00
41	M	Bromodichloromethane	20.000	18.174	9.1	95	0.00
42	M	Vinyl Acetate	100.000	85.066	14.9	86	0.00
43		Ethyl Acetate	20.000	18.254	8.7	98	0.00
44		Isopropyl Acetate	20.000	18.558	7.2	96	0.00
45	T	1,4-Dioxane	400.000	340.833	14.8	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	18.165	9.2	94	0.00
47		n-amyl Acetate	20.000	17.640	11.8	94	0.00
48	M	t-1,3-Dichloropropene	20.000	18.043	9.8	95	0.00
49	T	cis-1,3-Dichloropropene	20.000	17.539	12.3	93	0.00
50	M	1,1,2-Trichloroethane	20.000	19.272	3.6	99	0.00
51		Ethyl methacrylate	20.000	18.665	6.7	100	0.00
52		1,3-Dichloropropane	20.000	19.147	4.3	97	0.00
53	M	Dibromochloromethane	20.000	18.276	8.6	97	0.00
54	M	1,2-Dibromoethane	20.000	19.026	4.9	97	0.00
55	M	2-Chloroethyl vinyl ether	100.000	102.175	-2.2	100	0.00
56	M	Bromoform	20.000	18.170	9.1	100	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	100.000	96.005	4.0	93	0.00
59	M	2-Hexanone	100.000	93.990	6.0	90	0.00
60	S	4-Bromofluorobenzene	30.000	29.612	1.3	101	0.00
61	M	Tetrachloroethene	20.000	21.097	-5.5	103	0.00
62	M	Toluene	20.000	20.011	-0.1	99	0.00
63	S	Toluene-d8	30.000	30.494	-1.6	100	0.00
64	M	Chlorobenzene	20.000	19.504	2.5	100	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.346	3.3	99	0.00
66	M	Ethyl Benzene	20.000	19.391	3.0	99	0.00
67	M	m/p-Xylenes	40.000	39.070	2.3	100	0.00
68	M	o-Xylene	20.000	19.465	2.7	99	0.00
69	M	Styrene	20.000	19.237	3.8	100	0.00
70		Isopropylbenzene	20.000	19.781	1.1	99	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.705	1.5	97	0.00
72		1,2,3-Trichloropropane	20.000	14.584	27.1	73	0.00
73		Bromobenzene	20.000	19.521	2.4	99	0.00
74		n-propylbenzene	20.000	19.255	3.7	97	0.00
75		2-Chlorotoluene	20.000	19.395	3.0	97	0.00
76		1,3,5-Trimethylbenzene	20.000	19.277	3.6	98	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.168	14.2	92	0.00
78		4-Chlorotoluene	20.000	19.014	4.9	97	0.00
79		tert-butylbenzene	20.000	18.818	5.9	96	0.00
80		1,2,4-Trimethylbenzene	20.000	19.510	2.4	98	0.00
81		sec-Butylbenzene	20.000	19.240	3.8	99	0.00
82		p-Isopropyltoluene	20.000	18.818	5.9	96	0.00
83	M	1,3-Dichlorobenzene	20.000	18.952	5.2	98	0.00
84	M	1,4-Dichlorobenzene	20.000	19.037	4.8	96	0.00
85		n-Butylbenzene	20.000	17.980	10.1	93	0.00
86	T	Hexachloroethane	20.000	16.845	15.8	93	0.00
87	M	1,2-Dichlorobenzene	20.000	19.120	4.4	95	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.833	10.8	86	0.00
89		1,2,4-Trichlorobenzene	20.000	18.239	8.8	90	0.00
90		Hexachlorobutadiene	20.000	17.760	11.2	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.779	6.1	89	0.00
92	1,2,3-Trichlorobenzene	20.000	18.636	6.8	89	0.00

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