Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071218\
Data File : VX003348.D
Acq On : 12 Jul 2018 13:23
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICV020

Quant Time: Jul 12 17:06:48 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	117	0.00
2	M	Dichlorodifluoromethane	20.000	19.221	3.9	103	0.00
3	M	Chloromethane	20.000	18.515	7.4	101	0.00
4	M	Vinyl Chloride	20.000	18.174	9.1	100	0.00
5	M	Bromomethane	20.000	23.300	-16.5	126	0.00
6	M	Chloroethane	20.000	17.411	12.9	97	0.00
7	M	Trichlorofluoromethane	20.000	17.883	10.6	98	0.00
8	T	Diethyl Ether	20.000	17.834	10.8	102	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	17.914	10.4	103	0.00
10	M	1,1-Dichloroethene	20.000	18.089	9.6	103	0.00
11		Methyl Iodide	20.000	20.468	-2.3	125	0.00
12		Methyl Acetate	20.000	18.050	9.7	97	0.00
13	M	Acrolein	100.000	87.487	12.5	103	0.00
14	M	Acrylonitrile	100.000	89.190	10.8	101	0.00
15	M	Acetone	100.000	89.256	10.7	101	0.00
16	M	Carbon Disulfide	20.000	18.341	8.3	109	0.00
17		Allyl chloride	20.000	17.011	14.9	97	0.00
18	M	Methylene Chloride	20.000	17.817	10.9	104	-0.01
19	M	trans-1,2-Dichloroethene	20.000	18.362	8.2	107	0.00
20	T	Diisopropyl ether	20.000	17.337	13.3	95	0.00
21	M	1,1-Dichloroethane	20.000	17.135	14.3	96	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.136	4.3	118	0.00
23	M	tert-Butyl Alcohol	100.000	91.867	8.1	101	0.00
24	M	Methyl tert-Butyl Ether	20.000	17.563	12.2	101	0.00
25	M	Chloroform	20.000	19.414	2.9	113	0.00
26		Cyclohexane	20.000	19.390	3.0	115	0.00
27	s	1,2-Dichloroethane-d4	30.000	28.129	6.2	104	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29		1,1-Dichloropropene	20.000	20.086	-0.4	113	0.00
30	M	2-Butanone	100.000	97.489	2.5	108	0.00
31		2,2-Dichloropropane	20.000	18.642	6.8	111	0.00
32	M	1,1,1-Trichloroethane	20.000	19.509	2.5	110	0.00
33	M	Carbon Tetrachloride	20.000	19.014	4.9	107	0.00
34	M	Benzene	20.000	19.941	0.3	108	0.00
35		Methacrylonitrile	20.000	20.175	-0.9	112	0.00
36	M	1,2-Dichloroethane	20.000	18.640	6.8	100	0.00
37	M	Trichloroethene	20.000	20.107	-0.5	109	0.00
38		Methylcyclohexane	20.000	19.410	2.9	109	0.00
39	M	1,2-Dichloropropane	20.000	19.204	4.0	104	0.00
40		Dibromomethane	20.000	19.277	3.6	104	0.00
41	M	Bromodichloromethane	20.000	18.525	7.4	102	0.00
42	M	Vinyl Acetate	100.000	89.307	10.7	95	0.00
43		Ethyl Acetate	20.000	19.536	2.3	111	0.00
44		Isopropyl Acetate	20.000	18.561	7.2	101	0.00
45	T	1,4-Dioxane	400.000	418.801	-4.7	110	0.00

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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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)
46		Methyl methacrylate	20.000	18.778	6.1	102	0.00
47		n-amyl Acetate	20.000	17.524	12.4	98	0.00
48	M	t-1,3-Dichloropropene	20.000	18.745	6.3	104	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.768	6.2	105	0.00
50	M	1,1,2-Trichloroethane	20.000	19.464	2.7	105	0.00
51		Ethyl methacrylate	20.000	18.891	5.5	107	0.00
52		1,3-Dichloropropane	20.000	19.281	3.6	103	0.00
53	M	Dibromochloromethane	20.000	18.494	7.5	103	0.00
54	M	1,2-Dibromoethane	20.000	19.601	2.0	106	0.00
55	M	2-Chloroethyl vinyl ether	100.000	103.123	-3.1	106	0.00
56	M	Bromoform	20.000	17.659	11.7	102	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58	M	4-Methyl-2-Pentanone	100.000	98.783	1.2	101	0.00
59	M	2-Hexanone	100.000	97.784	2.2	99	0.00
60	S	4-Bromofluorobenzene	30.000	28.794	4.0	103	0.00
61	M	Tetrachloroethene	20.000	20.572	-2.9	106	0.00
62	M	Toluene	20.000	20.302	-1.5	105	0.00
63	S	Toluene-d8	30.000	30.517	-1.7	105	0.00
64	M	Chlorobenzene	20.000	19.969	0.2	107	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.617	1.9	105	0.00
66	M	Ethyl Benzene	20.000	19.826	0.9	107	0.00
67	M	m/p-Xylenes	40.000	39.313	1.7	105	0.00
68	M	o-Xylene	20.000	19.288	3.6	103	0.00
69	M	Styrene	20.000	19.267	3.7	105	0.00
70		Isopropylbenzene	20.000	19.322	3.4	102	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.151	4.2	99	0.00
72		1,2,3-Trichloropropane	20.000	14.363	28.2	76	0.00
73		Bromobenzene	20.000	18.901	5.5	101	0.00
74		n-propylbenzene	20.000	18.871	5.6	100	0.00
75		2-Chlorotoluene	20.000	18.690	6.5	98	0.00
76		1,3,5-Trimethylbenzene	20.000	18.551	7.2	99	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.304	8.5	103	0.00
78		4-Chlorotoluene	20.000	18.471	7.6	99	0.00
79		tert-butylbenzene	20.000	17.762	11.2	95	0.00
80		1,2,4-Trimethylbenzene	20.000	18.262	8.7	97	0.00
81		sec-Butylbenzene	20.000	18.105	9.5	98	0.00
82		p-Isopropyltoluene	20.000	17.762	11.2	95	0.00
83	M	1,3-Dichlorobenzene	20.000	17.873	10.6	98	0.00
84	M	1,4-Dichlorobenzene	20.000	17.734	11.3	94	0.00
85		n-Butylbenzene	20.000	17.359	13.2	95	0.00
86	T	Hexachloroethane	20.000	16.342	18.3	94	0.00
87	M	1,2-Dichlorobenzene	20.000	17.799	11.0	93	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.313	13.4	88	0.00
89		1,2,4-Trichlorobenzene	20.000	17.256	13.7	89	0.00
90		Hexachlorobutadiene	20.000	16.995	15.0	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.576	12.1	88	0.00
92	1,2,3-Trichlorobenzene	20.000	17.422	12.9	88	0.00

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