Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061818\
Data File : VX002682.D
Acq On : 18 Jun 2018 15:39
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX061818

Quant Time: Jun 18 17:27:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 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	107	0.00
2	M	Dichlorodifluoromethane	20.000	23.057	-15.3	124	0.00
3	M	Chloromethane	20.000	22.742	-13.7	118	0.00
4	M	Vinyl Chloride	20.000	23.653	-18.3	124	0.00
5	M	Bromomethane	20.000	26.541	-32.7#	141	0.00
6	M	Chloroethane	20.000	22.746	-13.7	118	0.02
7	M	Trichlorofluoromethane	20.000	22.803	-14.0	118	0.01
8	T	Diethyl Ether	20.000	23.057	-15.3	121	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	22.985	-14.9	122	0.00
10	M	1,1-Dichloroethene	20.000	22.732	-13.7	120	0.00
11		Methyl Iodide	20.000	21.435	-7.2	136	0.00
12		Methyl Acetate	20.000	22.876	-14.4	114	0.00
13	M	Acrolein	100.000	86.594	13.4	108	0.00
14	M	Acrylonitrile	100.000	112.090	-12.1	116	-0.01
15	M	Acetone	100.000	120.606	-20.6	119	-0.01
16	M	Carbon Disulfide	20.000	22.751	-13.8	125	0.00
17		Allyl chloride	20.000	22.710	-13.6	118	0.00
18	M	Methylene Chloride	20.000	22.125	-10.6	116	0.00
19	M	trans-1,2-Dichloroethene	20.000	22.838	-14.2	121	0.00
20	T	Diisopropyl ether	20.000	23.808	-19.0	129	0.00
21	M	1,1-Dichloroethane	20.000	23.704	-18.5	116	0.00
22	M	cis-1,2-Dichloroethene	20.000	22.889	-14.4	120	0.00
23	M	tert-Butyl Alcohol	100.000	114.827	-14.8	114	-0.03
24	M	Methyl tert-Butyl Ether	20.000	22.246	-11.2	116	0.00
25	M	Chloroform	20.000	22.402	-12.0	116	0.00
26		Cyclohexane	20.000	22.347	-11.7	117	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.306	-1.0	108	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29		1,1-Dichloropropene	20.000	22.335	-11.7	122	0.00
30	M	2-Butanone	100.000	110.672	-10.7	119	-0.01
31		2,2-Dichloropropane	20.000	22.104	-10.5	119	0.00
32	M	1,1,1-Trichloroethane	20.000	21.200	-6.0	116	0.00
33	M	Carbon Tetrachloride	20.000	20.899	-4.5	118	0.00
34	M	Benzene	20.000	21.321	-6.6	116	0.00
35		Methacrylonitrile	20.000	22.028	-10.1	117	0.00
36	M	1,2-Dichloroethane	20.000	21.695	-8.5	117	0.00
37	M	Trichloroethene	20.000	21.911	-9.6	120	0.00
38		Methylcyclohexane	20.000	22.017	-10.1	124	0.00
39	M	1,2-Dichloropropane	20.000	21.484	-7.4	115	0.00
40		Dibromomethane	20.000	21.080	-5.4	115	0.00
41	M	Bromodichloromethane	20.000	20.918	-4.6	117	0.00
42	M	Vinyl Acetate	100.000	115.609	-15.6	129	0.00
43		Ethyl Acetate	20.000	21.999	-10.0	117	-0.01
44		Isopropyl Acetate	20.000	21.109	-5.5	116	0.00
45	T	1,4-Dioxane	400.000	428.026	-7.0	112	0.00

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Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	21.415	-7.1	116	0.00
47		n-amyl Acetate	20.000	20.644	-3.2	119	0.00
48	M	t-1,3-Dichloropropene	20.000	21.192	-6.0	118	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.914	-4.6	122	0.00
50	M	1,1,2-Trichloroethane	20.000	21.182	-5.9	116	0.00
51		Ethyl methacrylate	20.000	20.966	-4.8	118	0.00
52		1,3-Dichloropropane	20.000	21.624	-8.1	118	0.00
53	M	Dibromochloromethane	20.000	20.300	-1.5	119	0.00
54	M	1,2-Dibromoethane	20.000	21.159	-5.8	117	0.00
55	M	2-Chloroethyl vinyl ether	100.000	116.405	-16.4	129	0.00
56	M	Bromoform	20.000	19.285	3.6	118	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58	M	4-Methyl-2-Pentanone	100.000	109.598	-9.6	117	0.00
59	M	2-Hexanone	100.000	110.935	-10.9	118	0.00
60	S	4-Bromofluorobenzene	30.000	29.834	0.6	112	0.00
61	M	Tetrachloroethene	20.000	22.241	-11.2	120	0.00
62	M	Toluene	20.000	21.928	-9.6	117	0.00
63	S	Toluene-d8	30.000	29.943	0.2	108	0.00
64	M	Chlorobenzene	20.000	22.129	-10.6	119	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.626	-8.1	118	0.00
66	M	Ethyl Benzene	20.000	21.997	-10.0	118	0.00
67	M	m/p-Xylenes	40.000	43.879	-9.7	119	0.00
68	M	o-Xylene	20.000	21.761	-8.8	119	0.00
69	M	Styrene	20.000	21.900	-9.5	122	0.00
70		Isopropylbenzene	20.000	21.831	-9.2	119	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.653	-8.3	117	0.00
72		1,2,3-Trichloropropane	20.000	21.699	-8.5	115	0.00
73		Bromobenzene	20.000	21.717	-8.6	120	0.00
74		n-propylbenzene	20.000	22.329	-11.6	122	0.00
75		2-Chlorotoluene	20.000	22.014	-10.1	120	0.00
76		1,3,5-Trimethylbenzene	20.000	21.729	-8.6	120	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.591	-3.0	120	0.00
78		4-Chlorotoluene	20.000	22.169	-10.8	125	0.00
79		tert-butylbenzene	20.000	22.122	-10.6	123	0.00
80		1,2,4-Trimethylbenzene	20.000	21.872	-9.4	120	0.00
81		sec-Butylbenzene	20.000	21.947	-9.7	120	0.00
82		p-Isopropyltoluene	20.000	22.122	-10.6	123	0.00
83	M	1,3-Dichlorobenzene	20.000	22.132	-10.7	123	0.00
84	M	1,4-Dichlorobenzene	20.000	22.054	-10.3	124	0.00
85		n-Butylbenzene	20.000	22.107	-10.5	126	0.00
86	T	Hexachloroethane	20.000	20.290	-1.4	120	0.00
87	M	1,2-Dichlorobenzene	20.000	21.710	-8.6	120	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	20.097	-0.5	118	0.00
89		1,2,4-Trichlorobenzene	20.000	22.283	-11.4	124	0.00
90		Hexachlorobutadiene	20.000	22.802	-14.0	129	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	22.249	-11.2	123	0.00
92	1,2,3-Trichlorobenzene	20.000	22.258	-11.3	125	0.00

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