Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071919\
Data File : VX010981.D
Acq On : 19 Jul 2019 00:18
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVN071919

Quant Time: Jul 19 03:43:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X071919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 03:27:28 2019
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	105	0.00
2	M	Dichlorodifluoromethane	20.000	21.568	-7.8	108	0.00
3	M	Chloromethane	20.000	20.779	-3.9	104	0.00
4	M	Vinyl Chloride	20.000	20.115	-0.6	103	0.00
5	M	Bromomethane	20.000	25.971	-29.9	117	0.00
6	M	Chloroethane	20.000	20.228	-1.1	103	0.00
7	M	Trichlorofluoromethane	20.000	20.121	-0.6	104	0.00
8	T	Diethyl Ether	20.000	20.069	-0.3	104	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.388	-1.9	106	0.00
10	M	1,1-Dichloroethene	20.000	19.762	1.2	102	0.00
11		Methyl Iodide	20.000	16.162	19.2	93	0.00
12		Methyl Acetate	20.000	20.178	-0.9	104	0.00
13	M	Acrolein	100.000	97.650	2.3	100	0.00
14	M	Acrylonitrile	100.000	99.323	0.7	102	0.00
15	M	Acetone	100.000	98.258	1.7	100	0.00
16	M	Carbon Disulfide	20.000	21.189	-5.9	115	0.00
17		Allyl chloride	20.000	19.662	1.7	106	0.00
18	M	Methylene Chloride	20.000	20.017	-0.1	105	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.233	-1.2	105	0.00
20	T	Diisopropyl ether	20.000	19.808	1.0	105	0.00
21	M	1,1-Dichloroethane	20.000	20.157	-0.8	107	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.966	0.2	106	0.00
23	M	tert-Butyl Alcohol	100.000	100.568	-0.6	107	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.195	-1.0	107	0.00
25	M	Chloroform	20.000	19.801	1.0	106	0.00
26		Cyclohexane	20.000	20.279	-1.4	107	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.182	-0.6	107	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29		1,1-Dichloropropene	20.000	20.339	-1.7	106	0.00
30	M	2-Butanone	100.000	99.674	0.3	103	0.00
31		2,2-Dichloropropane	20.000	19.486	2.6	105	0.00
32	M	1,1,1-Trichloroethane	20.000	20.437	-2.2	110	0.00
33	M	Carbon Tetrachloride	20.000	20.293	-1.5	112	0.00
34	M	Benzene	20.000	20.309	-1.5	105	0.00
35		Methacrylonitrile	20.000	20.312	-1.6	110	0.00
36	M	1,2-Dichloroethane	20.000	20.642	-3.2	110	0.00
37	M	Trichloroethene	20.000	20.372	-1.9	108	0.00
38		Methylcyclohexane	20.000	20.354	-1.8	106	0.00
39	M	1,2-Dichloropropane	20.000	20.088	-0.4	105	0.00
40		Dibromomethane	20.000	20.549	-2.7	108	0.00
41	M	Bromodichloromethane	20.000	19.963	0.2	111	0.00
42	M	Vinyl Acetate	100.000	99.822	0.2	106	0.00
43		Ethyl Acetate	20.000	19.913	0.4	106	0.00
44		Isopropyl Acetate	20.000	19.694	1.5	105	0.00
45	T	1,4-Dioxane	400.000	407.339	-1.8	102	0.00

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QLast Update : Fri Jul 19 03:27:28 2019
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Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.826	0.9	106	0.00
47		n-amyl Acetate	20.000	19.601	2.0	106	0.00
48	M	t-1,3-Dichloropropene	20.000	19.487	2.6	111	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.981	0.1	109	0.00
50	M	1,1,2-Trichloroethane	20.000	20.325	-1.6	107	0.00
51		Ethyl methacrylate	20.000	19.519	2.4	106	0.00
52		1,3-Dichloropropane	20.000	19.746	1.3	103	0.00
53	M	Dibromochloromethane	20.000	19.235	3.8	107	0.00
54	M	1,2-Dibromoethane	20.000	20.387	-1.9	109	0.00
55	M	2-Chloroethyl vinyl ether	100.000	96.799	3.2	102	0.00
56	M	Bromoform	20.000	18.566	7.2	108	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	100.000	99.424	0.6	104	0.00
59	M	2-Hexanone	100.000	100.199	-0.2	104	0.00
60	S	4-Bromofluorobenzene	30.000	29.642	1.2	107	0.00
61	M	Tetrachloroethene	20.000	21.103	-5.5	107	0.00
62	M	Toluene	20.000	20.224	-1.1	105	0.00
63	S	Toluene-d8	30.000	30.373	-1.2	104	0.00
64	M	Chlorobenzene	20.000	19.975	0.1	105	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.129	-0.6	108	0.00
66	M	Ethyl Benzene	20.000	20.008	-0.0	105	0.00
67	M	m/p-Xylenes	40.000	40.496	-1.2	104	0.00
68	M	o-Xylene	20.000	20.014	-0.1	105	0.00
69	M	Styrene	20.000	19.851	0.7	105	0.00
70		Isopropylbenzene	20.000	20.323	-1.6	108	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.053	-0.3	106	0.00
72		1,2,3-Trichloropropane	20.000	20.445	-2.2	109	0.00
73		Bromobenzene	20.000	20.403	-2.0	108	0.00
74		n-propylbenzene	20.000	20.067	-0.3	107	0.00
75		2-Chlorotoluene	20.000	20.105	-0.5	107	0.00
76		1,3,5-Trimethylbenzene	20.000	20.128	-0.6	106	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.939	10.3	110	0.00
78		4-Chlorotoluene	20.000	20.281	-1.4	109	0.00
79		tert-butylbenzene	20.000	20.363	-1.8	109	0.00
80		1,2,4-Trimethylbenzene	20.000	20.143	-0.7	107	0.00
81		sec-Butylbenzene	20.000	20.429	-2.1	108	0.00
82		p-Isopropyltoluene	20.000	20.212	-1.1	107	0.00
83	M	1,3-Dichlorobenzene	20.000	20.121	-0.6	107	0.00
84	M	1,4-Dichlorobenzene	20.000	20.403	-2.0	108	0.00
85		n-Butylbenzene	20.000	19.921	0.4	108	0.00
86	T	Hexachloroethane	20.000	18.886	5.6	110	0.00
87	M	1,2-Dichlorobenzene	20.000	20.337	-1.7	104	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	20.265	-1.3	111	0.00
89		1,2,4-Trichlorobenzene	20.000	20.742	-3.7	112	0.00
90		Hexachlorobutadiene	20.000	19.739	1.3	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.875	-4.4	108	0.00
92	1,2,3-Trichlorobenzene	20.000	21.053	-5.3	111	0.00

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