Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012519\
Data File : VX007221.D
Acq On : 25 Jan 2019 11:20
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICV020

Quant Time: Jan 28 10:41:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X012519W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 28 10:35:22 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	101	0.00
2	M	Dichlorodifluoromethane	20.000	19.928	0.4	112	0.00
3	M	Chloromethane	20.000	21.368	-6.8	113	0.00
4	M	Vinyl Chloride	20.000	20.617	-3.1	110	0.00
5	M	Bromomethane	20.000	16.161	19.2	86	0.00
6	M	Chloroethane	20.000	19.614	1.9	108	0.01
7	M	Trichlorofluoromethane	20.000	20.110	-0.5	108	0.00
8	T	Diethyl Ether	20.000	20.245	-1.2	108	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.531	-2.7	112	0.00
10	M	1,1-Dichloroethene	20.000	20.062	-0.3	107	0.00
11		Methyl Iodide	20.000	16.355	18.2	88	0.00
12		Methyl Acetate	20.000	20.066	-0.3	106	0.00
13	M	Acrolein	100.000	95.954	4.0	110	0.00
14	M	Acrylonitrile	100.000	102.256	-2.3	106	0.00
15	M	Acetone	100.000	108.303	-8.3	110	0.00
16	M	Carbon Disulfide	20.000	19.910	0.4	113	0.00
17		Allyl chloride	20.000	20.418	-2.1	109	0.00
18	M	Methylene Chloride	20.000	20.385	-1.9	106	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.099	-0.5	109	0.00
20	T	Diisopropyl ether	20.000	20.129	-0.6	105	0.00
21	M	1,1-Dichloroethane	20.000	20.899	-4.5	109	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.017	-0.1	106	0.00
23	M	tert-Butyl Alcohol	100.000	113.572	-13.6	117	-0.01
24	M	Methyl tert-Butyl Ether	20.000	20.408	-2.0	108	0.00
25	M	Chloroform	20.000	19.795	1.0	103	0.00
26		Cyclohexane	20.000	20.575	-2.9	111	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.465	-1.5	103	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29		1,1-Dichloropropene	20.000	20.013	-0.1	107	0.00
30	M	2-Butanone	100.000	103.870	-3.9	106	0.00
31		2,2-Dichloropropane	20.000	19.761	1.2	109	0.00
32	M	1,1,1-Trichloroethane	20.000	19.366	3.2	105	0.00
33	M	Carbon Tetrachloride	20.000	19.527	2.4	110	0.00
34	M	Benzene	20.000	19.586	2.1	104	0.00
35		Methacrylonitrile	20.000	20.381	-1.9	108	0.00
36	M	1,2-Dichloroethane	20.000	19.720	1.4	105	0.00
37	M	Trichloroethene	20.000	19.861	0.7	106	0.00
38		Methylcyclohexane	20.000	20.192	-1.0	114	0.00
39	M	1,2-Dichloropropane	20.000	19.869	0.7	107	0.00
40		Dibromomethane	20.000	20.195	-1.0	109	0.00
41	M	Bromodichloromethane	20.000	18.904	5.5	106	0.00
42	M	Vinyl Acetate	100.000	98.127	1.9	107	0.00
43		Ethyl Acetate	20.000	19.494	2.5	104	0.00
44		Isopropyl Acetate	20.000	19.753	1.2	109	0.00
45	T	1,4-Dioxane	400.000	415.286	-3.8	109	0.00

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.532	2.3	105	0.00
47		n-amyl Acetate	20.000	21.074	-5.4	114	0.00
48	M	t-1,3-Dichloropropene	20.000	19.331	3.3	111	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.461	2.7	108	0.00
50	M	1,1,2-Trichloroethane	20.000	20.028	-0.1	107	0.00
51		Ethyl methacrylate	20.000	19.853	0.7	108	0.00
52		1,3-Dichloropropane	20.000	19.726	1.4	106	0.00
53	M	Dibromochloromethane	20.000	18.975	5.1	106	0.00
54	M	1,2-Dibromoethane	20.000	19.634	1.8	104	0.00
55	M	2-Chloroethyl vinyl ether	100.000	97.602	2.4	103	0.00
56	M	Bromoform	20.000	18.713	6.4	109	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58	M	4-Methyl-2-Pentanone	100.000	100.463	-0.5	105	0.00
59	M	2-Hexanone	100.000	102.594	-2.6	105	0.00
60	S	4-Bromofluorobenzene	30.000	31.059	-3.5	107	0.00
61	M	Tetrachloroethene	20.000	19.031	4.8	97	0.00
62	M	Toluene	20.000	19.632	1.8	106	0.00
63	S	Toluene-d8	30.000	29.431	1.9	102	0.00
64	M	Chlorobenzene	20.000	20.246	-1.2	110	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.370	3.1	108	0.00
66	M	Ethyl Benzene	20.000	20.107	-0.5	109	0.00
67	M	m/p-Xylenes	40.000	39.924	0.2	108	0.00
68	M	o-Xylene	20.000	20.145	-0.7	109	0.00
69	M	Styrene	20.000	20.159	-0.8	110	0.00
70		Isopropylbenzene	20.000	20.319	-1.6	109	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.515	-2.6	110	0.00
72		1,2,3-Trichloropropane	20.000	17.860	10.7	94	0.00
73		Bromobenzene	20.000	20.159	-0.8	109	0.00
74		n-propylbenzene	20.000	20.522	-2.6	111	0.00
75		2-Chlorotoluene	20.000	20.414	-2.1	109	0.00
76		1,3,5-Trimethylbenzene	20.000	20.394	-2.0	110	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.963	10.2	112	0.00
78		4-Chlorotoluene	20.000	20.307	-1.5	110	0.00
79		tert-butylbenzene	20.000	20.676	-3.4	113	0.00
80		1,2,4-Trimethylbenzene	20.000	20.434	-2.2	109	0.00
81		sec-Butylbenzene	20.000	20.805	-4.0	112	0.00
82		p-Isopropyltoluene	20.000	20.676	-3.4	113	0.00
83	M	1,3-Dichlorobenzene	20.000	20.705	-3.5	112	0.00
84	M	1,4-Dichlorobenzene	20.000	20.605	-3.0	111	0.00
85		n-Butylbenzene	20.000	20.206	-1.0	115	0.00
86	T	Hexachloroethane	20.000	18.713	6.4	110	0.00
87	M	1,2-Dichlorobenzene	20.000	20.702	-3.5	112	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	21.002	-5.0	119	0.00
89		1,2,4-Trichlorobenzene	20.000	22.065	-10.3	124	0.00
90		Hexachlorobutadiene	20.000	21.163	-5.8	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	22.080	-10.4	122	0.00
92	1,2,3-Trichlorobenzene	20.000	22.052	-10.3	121	0.00

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