Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101520\
Data File : VX018938.D
Acq On : 15 Oct 2020 17:05
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX101520

Quant Time: Oct 16 02:38:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X101520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 15 15:32:58 2020
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	86	0.00
2	M	Dichlorodifluoromethane	20.000	21.709	-8.5	103	0.00
3	M	Chloromethane	20.000	20.935	-4.7	91	0.00
4	M	Vinyl Chloride	20.000	21.491	-7.5	101	0.00
5	M	Bromomethane	20.000	28.048	-40.2#	117	0.00
6	M	Chloroethane	20.000	21.051	-5.3	102	0.00
7	M	Trichlorofluoromethane	20.000	21.476	-7.4	102	0.00
8	T	Diethyl Ether	20.000	21.599	-8.0	103	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.831	-9.2	102	0.00
10	M	1,1-Dichloroethene	20.000	21.468	-7.3	102	0.00
11		Methyl Iodide	20.000	20.570	-2.9	105	0.00
12		Methyl Acetate	20.000	21.761	-8.8	104	0.00
13	M	Acrolein	100.000	111.816	-11.8	117	0.00
14	M	Acrylonitrile	100.000	108.998	-9.0	103	0.00
15	M	Acetone	100.000	115.789	-15.8	98	0.00
16	M	Carbon Disulfide	20.000	21.840	-9.2	103	0.00
17		Allyl chloride	20.000	21.041	-5.2	100	0.00
18	M	Methylene Chloride	20.000	21.586	-7.9	102	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.483	-7.4	102	0.00
20	T	Diisopropyl ether	20.000	21.508	-7.5	102	0.00
21	M	1,1-Dichloroethane	20.000	21.425	-7.1	101	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.640	-8.2	104	0.00
23	M	tert-Butyl Alcohol	100.000	108.227	-8.2	99	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.905	-9.5	102	0.00
25	M	Chloroform	20.000	21.490	-7.4	101	0.00
26		Cyclohexane	20.000	21.076	-5.4	99	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.284	-0.9	86	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	86	0.00
29		1,1-Dichloropropene	20.000	21.036	-5.2	100	0.00
30	M	2-Butanone	100.000	106.350	-6.3	101	0.00
31		2,2-Dichloropropane	20.000	21.051	-5.3	100	0.00
32	M	1,1,1-Trichloroethane	20.000	20.965	-4.8	100	0.00
33	M	Carbon Tetrachloride	20.000	21.185	-5.9	101	0.00
34	M	Benzene	20.000	21.570	-7.9	102	0.00
35		Methacrylonitrile	20.000	21.391	-7.0	101	0.00
36	M	1,2-Dichloroethane	20.000	22.038	-10.2	104	0.00
37	M	Trichloroethene	20.000	21.150	-5.7	100	0.00
38		Methylcyclohexane	20.000	21.679	-8.4	103	0.00
39	M	1,2-Dichloropropane	20.000	21.464	-7.3	103	0.00
40		Dibromomethane	20.000	21.862	-9.3	104	0.00
41	M	Bromodichloromethane	20.000	21.338	-6.7	101	0.00
42	M	Vinyl Acetate	100.000	107.221	-7.2	103	0.00
43		Ethyl Acetate	20.000	20.813	-4.1	103	0.00
44		Isopropyl Acetate	20.000	21.473	-7.4	104	0.00
45	T	1,4-Dioxane	400.000	441.582	-10.4	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	21.653	-8.3	102	0.00
47		n-amyl Acetate	20.000	21.124	-5.6	96	0.00
48	M	t-1,3-Dichloropropene	20.000	21.608	-8.0	101	0.00
49	T	cis-1,3-Dichloropropene	20.000	21.458	-7.3	100	0.00
50	M	1,1,2-Trichloroethane	20.000	21.897	-9.5	100	0.00
51		Ethyl methacrylate	20.000	21.768	-8.8	102	0.00
52		1,3-Dichloropropane	20.000	21.860	-9.3	101	0.00
53	M	Dibromochloromethane	20.000	21.756	-8.8	99	0.00
54	M	1,2-Dibromoethane	20.000	21.782	-8.9	100	0.00
55	M	2-Chloroethyl vinyl ether	100.000	99.804	0.2	93	0.00
56	M	Bromoform	20.000	20.809	-4.0	99	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	82	0.00
58	M	4-Methyl-2-Pentanone	100.000	108.426	-8.4	102	0.00
59	M	2-Hexanone	100.000	106.844	-6.8	99	0.00
60	S	4-Bromofluorobenzene	30.000	29.493	1.7	81	0.00
61	M	Tetrachloroethene	20.000	21.313	-6.6	99	0.00
62	M	Toluene	20.000	21.378	-6.9	99	0.00
63	S	Toluene-d8	30.000	29.679	1.1	84	0.00
64	M	Chlorobenzene	20.000	21.382	-6.9	97	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.578	-7.9	99	0.00
66	M	Ethyl Benzene	20.000	21.545	-7.7	97	0.00
67	M	m/p-Xylenes	40.000	42.023	-5.1	96	0.00
68	M	o-Xylene	20.000	21.236	-6.2	97	0.00
69	M	Styrene	20.000	21.038	-5.2	96	0.00
70		Isopropylbenzene	20.000	21.344	-6.7	96	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.331	-6.7	100	0.00
72		1,2,3-Trichloropropane	20.000	21.392	-7.0	98	0.00
73		Bromobenzene	20.000	20.855	-4.3	94	0.00
74		n-propylbenzene	20.000	21.016	-5.1	95	0.00
75		2-Chlorotoluene	20.000	20.910	-4.6	94	0.00
76		1,3,5-Trimethylbenzene	20.000	20.903	-4.5	95	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.609	-3.0	94	0.00
78		4-Chlorotoluene	20.000	20.867	-4.3	95	0.00
79		tert-butylbenzene	20.000	20.955	-4.8	95	0.00
80		1,2,4-Trimethylbenzene	20.000	20.916	-4.6	95	0.00
81		sec-Butylbenzene	20.000	20.943	-4.7	95	0.00
82		p-Isopropyltoluene	20.000	20.937	-4.7	95	0.00
83	M	1,3-Dichlorobenzene	20.000	20.805	-4.0	97	0.00
84	M	1,4-Dichlorobenzene	20.000	21.157	-5.8	99	0.00
85		n-Butylbenzene	20.000	20.432	-2.2	95	0.00
86	T	Hexachloroethane	20.000	20.729	-3.6	95	0.00
87	M	1,2-Dichlorobenzene	20.000	20.697	-3.5	96	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	21.182	-5.9	101	0.00
89		1,2,4-Trichlorobenzene	20.000	20.090	-0.4	97	0.00
90		Hexachlorobutadiene	20.000	20.884	-4.4	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	21.113	-5.6	100	0.00
92	1,2,3-Trichlorobenzene	20.000	20.762	-3.8	99	0.00

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