Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX090420\
Data File : VX018254.D
Acq On : 04 Sep 2020 12:36
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX090420

Quant Time: Sep 05 06:43:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 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	109	0.01
2	M	Dichlorodifluoromethane	20.000	19.216	3.9	112	0.00
3	M	Chloromethane	20.000	19.415	2.9	113	0.00
4	M	Vinyl Chloride	20.000	18.992	5.0	111	0.00
5	M	Bromomethane	20.000	20.539	-2.7	109	0.00
6	M	Chloroethane	20.000	18.509	7.5	106	0.00
7	M	Trichlorofluoromethane	20.000	19.288	3.6	114	0.00
8	T	Diethyl Ether	20.000	18.560	7.2	108	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.411	2.9	112	0.00
10	M	1,1-Dichloroethene	20.000	19.360	3.2	113	0.00
11		Methyl Iodide	20.000	18.848	5.8	115	0.00
12		Methyl Acetate	20.000	19.206	4.0	110	0.00
13	M	Acrolein	100.000	83.410	16.6	110	0.00
14	M	Acrylonitrile	100.000	93.479	6.5	110	0.00
15	M	Acetone	100.000	96.457	3.5	111	0.00
16	M	Carbon Disulfide	20.000	19.232	3.8	111	0.00
17		Allyl chloride	20.000	18.620	6.9	110	0.00
18	M	Methylene Chloride	20.000	18.676	6.6	107	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.291	3.5	114	0.00
20	T	Diisopropyl ether	20.000	19.013	4.9	109	0.00
21	M	1,1-Dichloroethane	20.000	19.198	4.0	110	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.129	4.4	110	0.00
23	M	tert-Butyl Alcohol	100.000	91.478	8.5	111	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.041	4.8	112	0.00
25	M	Chloroform	20.000	19.016	4.9	110	0.00
26		Cyclohexane	20.000	19.165	4.2	115	-0.01
27	s	1,2-Dichloroethane-d4	30.000	29.751	0.8	106	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	109	0.00
29		1,1-Dichloropropene	20.000	19.500	2.5	117	0.00
30	M	2-Butanone	100.000	92.931	7.1	110	0.00
31		2,2-Dichloropropane	20.000	19.518	2.4	116	0.00
32	M	1,1,1-Trichloroethane	20.000	19.009	5.0	112	0.00
33	M	Carbon Tetrachloride	20.000	18.724	6.4	110	0.00
34	M	Benzene	20.000	18.361	8.2	108	0.00
35		Methacrylonitrile	20.000	18.619	6.9	112	0.00
36	M	1,2-Dichloroethane	20.000	18.762	6.2	111	0.00
37	M	Trichloroethene	20.000	19.369	3.2	117	0.00
38		Methylcyclohexane	20.000	19.258	3.7	122	0.00
39	M	1,2-Dichloropropane	20.000	18.151	9.2	106	0.00
40		Dibromomethane	20.000	18.758	6.2	110	0.00
41	M	Bromodichloromethane	20.000	18.636	6.8	111	0.00
42	M	Vinyl Acetate	100.000	94.672	5.3	112	0.00
43		Ethyl Acetate	20.000	17.486	12.6	103	0.00
44		Isopropyl Acetate	20.000	18.133	9.3	109	0.00
45	T	1,4-Dioxane	400.000	361.818	9.5	112	0.00

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ClientSampleId : ICVVX090420

Quant Time: Sep 05 06:43:57 2020
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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	18.032	9.8	114	0.00
47		n-amyl Acetate	20.000	18.122	9.4	114	0.00
48	M	t-1,3-Dichloropropene	20.000	19.108	4.5	116	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.674	6.6	111	0.00
50	M	1,1,2-Trichloroethane	20.000	18.624	6.9	109	0.00
51		Ethyl methacrylate	20.000	17.740	11.3	110	0.00
52		1,3-Dichloropropane	20.000	18.376	8.1	109	0.00
53	M	Dibromochloromethane	20.000	18.441	7.8	113	0.00
54	M	1,2-Dibromoethane	20.000	18.677	6.6	113	0.00
55	M	2-Chloroethyl vinyl ether	100.000	95.590	4.4	115	0.00
56	M	Bromoform	20.000	18.300	8.5	116	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	109	0.00
58	M	4-Methyl-2-Pentanone	100.000	93.490	6.5	108	0.00
59	M	2-Hexanone	100.000	94.527	5.5	111	0.00
60	S	4-Bromofluorobenzene	30.000	30.487	-1.6	110	0.00
61	M	Tetrachloroethene	20.000	19.390	3.0	112	0.00
62	M	Toluene	20.000	19.238	3.8	113	0.00
63	S	Toluene-d8	30.000	30.382	-1.3	108	0.00
64	M	Chlorobenzene	20.000	18.840	5.8	109	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.898	5.5	112	0.00
66	M	Ethyl Benzene	20.000	19.168	4.2	114	0.00
67	M	m/p-Xylenes	40.000	38.758	3.1	114	0.00
68	M	o-Xylene	20.000	19.244	3.8	117	0.00
69	M	Styrene	20.000	18.948	5.3	113	0.00
70		Isopropylbenzene	20.000	19.002	5.0	113	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	18.725	6.4	110	0.00
72		1,2,3-Trichloropropane	20.000	19.097	4.5	111	0.00
73		Bromobenzene	20.000	18.599	7.0	110	0.00
74		n-propylbenzene	20.000	19.016	4.9	113	0.00
75		2-Chlorotoluene	20.000	19.083	4.6	113	0.00
76		1,3,5-Trimethylbenzene	20.000	19.279	3.6	115	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.675	6.6	115	0.00
78		4-Chlorotoluene	20.000	19.233	3.8	114	0.00
79		tert-butylbenzene	20.000	18.571	7.1	111	0.00
80		1,2,4-Trimethylbenzene	20.000	19.608	2.0	116	0.00
81		sec-Butylbenzene	20.000	18.991	5.0	115	0.00
82		p-Isopropyltoluene	20.000	19.238	3.8	117	0.00
83	M	1,3-Dichlorobenzene	20.000	19.798	1.0	116	0.00
84	M	1,4-Dichlorobenzene	20.000	19.205	4.0	112	0.00
85		n-Butylbenzene	20.000	19.004	5.0	118	0.00
86	T	Hexachloroethane	20.000	18.495	7.5	113	0.00
87	M	1,2-Dichlorobenzene	20.000	19.841	0.8	117	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.617	6.9	117	0.00
89		1,2,4-Trichlorobenzene	20.000	20.068	-0.3	124	0.00
90		Hexachlorobutadiene	20.000	21.090	-5.4	122	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.517	7.4	114	0.00
92	1,2,3-Trichlorobenzene	20.000	19.539	2.3	120	0.00

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