Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031320\
Data File : VX015280.D
Acq On : 14 Mar 2020 00:44
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Mar 16 09:51:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 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	105	0.00
2	M	Dichlorodifluoromethane	20.000	15.646	21.8	84	0.00
3	M	Chloromethane	20.000	15.989	20.1	83	0.00
4	M	Vinyl Chloride	20.000	15.829	20.9	83	0.00
5	M	Bromomethane	20.000	15.463	22.7	82	0.00
6	M	Chloroethane	20.000	16.117	19.4	83	0.00
7	M	Trichlorofluoromethane	20.000	15.628	21.9	81	0.00
8	T	Diethyl Ether	20.000	16.238	18.8	84	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	15.973	20.1	85	0.00
10	M	1,1-Dichloroethene	20.000	16.528	17.4	87	0.00
11		Methyl Iodide	20.000	14.412	27.9	93	0.00
12		Methyl Acetate	20.000	17.432	12.8	96	0.00
13	M	Acrolein	100.000	73.313	26.7	81	0.00
14	M	Acrylonitrile	100.000	87.101	12.9	98	0.00
15	M	Acetone	100.000	72.953	27.0	69	0.00
16	M	Carbon Disulfide	20.000	16.419	17.9	95	0.00
17		Allyl chloride	20.000	16.432	17.8	92	0.00
18	M	Methylene Chloride	20.000	17.554	12.2	98	0.00
19	M	trans-1,2-Dichloroethene	20.000	17.469	12.7	100	0.00
20	T	Diisopropyl ether	20.000	17.646	11.8	98	0.00
21	M	1,1-Dichloroethane	20.000	17.505	12.5	98	0.00
22	M	cis-1,2-Dichloroethene	20.000	17.739	11.3	97	0.00
23	M	tert-Butyl Alcohol	100.000	72.555	27.4	84	-0.01
24	M	Methyl tert-Butyl Ether	20.000	17.228	13.9	97	0.00
25	M	Chloroform	20.000	18.027	9.9	96	0.00
26		Cyclohexane	20.000	17.514	12.4	95	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.642	1.2	99	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29		1,1-Dichloropropene	20.000	16.908	15.5	92	0.00
30	M	2-Butanone	100.000	80.856	19.1	86	0.00
31		2,2-Dichloropropane	20.000	12.977	35.1#	73	0.00
32	M	1,1,1-Trichloroethane	20.000	16.961	15.2	91	0.00
33	M	Carbon Tetrachloride	20.000	17.186	14.1	94	0.00
34	M	Benzene	20.000	17.973	10.1	95	0.00
35		Methacrylonitrile	20.000	18.068	9.7	103	0.00
36	M	1,2-Dichloroethane	20.000	17.650	11.8	93	-0.18
37	M	Trichloroethene	20.000	18.547	7.3	103	0.00
38		Methylcyclohexane	20.000	17.587	12.1	101	0.00
39	M	1,2-Dichloropropane	20.000	19.299	3.5	108	0.00
40		Dibromomethane	20.000	19.262	3.7	107	0.00
41	M	Bromodichloromethane	20.000	18.942	5.3	109	0.00
42	M	Vinyl Acetate	100.000	82.470	17.5	94	0.00
43		Ethyl Acetate	20.000	17.955	10.2	101	0.00
44		Isopropyl Acetate	20.000	17.674	11.6	95	0.00
45	T	1,4-Dioxane	400.000	327.336	18.2	94	-0.01

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Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Mar 16 09:51:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 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)
46		Methyl methacrylate	20.000	18.622	6.9	105	0.00
47		n-amyl Acetate	20.000	16.876	15.6	94	0.00
48	M	t-1,3-Dichloropropene	20.000	17.760	11.2	103	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.152	9.2	101	0.00
50	M	1,1,2-Trichloroethane	20.000	19.437	2.8	108	0.00
51		Ethyl methacrylate	20.000	18.615	6.9	105	0.00
52		1,3-Dichloropropane	20.000	19.036	4.8	105	0.00
53	M	Dibromochloromethane	20.000	18.930	5.4	108	0.00
54	M	1,2-Dibromoethane	20.000	18.876	5.6	104	0.00
55	M	2-Chloroethyl vinyl ether	100.000	106.390	-6.4	119	0.00
56	M	Bromoform	20.000	17.554	12.2	97	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58	M	4-Methyl-2-Pentanone	100.000	89.679	10.3	105	0.00
59	M	2-Hexanone	100.000	86.586	13.4	101	0.00
60	S	4-Bromofluorobenzene	30.000	28.258	5.8	104	0.00
61	M	Tetrachloroethene	20.000	17.735	11.3	102	0.00
62	M	Toluene	20.000	18.062	9.7	107	0.00
63	S	Toluene-d8	30.000	29.797	0.7	113	0.00
64	M	Chlorobenzene	20.000	18.375	8.1	104	0.00
65		1,1,1,2-Tetrachloroethane	20.000	17.858	10.7	101	0.00
66	M	Ethyl Benzene	20.000	17.990	10.1	102	0.00
67	M	m/p-Xylenes	40.000	35.654	10.9	102	0.00
68	M	o-Xylene	20.000	17.362	13.2	100	0.00
69	M	Styrene	20.000	17.325	13.4	99	0.00
70		Isopropylbenzene	20.000	17.511	12.4	99	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	17.461	12.7	100	0.00
72		1,2,3-Trichloropropane	20.000	17.397	13.0	97	0.00
73		Bromobenzene	20.000	17.350	13.2	100	0.00
74		n-propylbenzene	20.000	17.101	14.5	100	0.00
75		2-Chlorotoluene	20.000	17.459	12.7	101	0.00
76		1,3,5-Trimethylbenzene	20.000	17.160	14.2	99	0.00
77		t-1,4-Dichloro-2-butene	20.000	13.976	30.1#	86	0.00
78		4-Chlorotoluene	20.000	16.929	15.4	97	0.00
79		tert-butylbenzene	20.000	16.958	15.2	104	0.00
80		1,2,4-Trimethylbenzene	20.000	17.290	13.6	105	0.00
81		sec-Butylbenzene	20.000	17.033	14.8	104	0.00
82		p-Isopropyltoluene	20.000	16.598	17.0	100	0.00
83	M	1,3-Dichlorobenzene	20.000	17.359	13.2	104	0.00
84	M	1,4-Dichlorobenzene	20.000	17.384	13.1	106	0.00
85		n-Butylbenzene	20.000	16.217	18.9	99	0.00
86	T	Hexachloroethane	20.000	16.537	17.3	105	0.00
87	M	1,2-Dichlorobenzene	20.000	17.556	12.2	106	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	16.689	16.6	104	0.00
89		1,2,4-Trichlorobenzene	20.000	16.151	19.2	100	0.00
90		Hexachlorobutadiene	20.000	15.351	23.2	92	0.00

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ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Mar 16 09:51:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 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)
91 M	Naphthalene	20.000	16.879	15.6	104	0.00
92	1,2,3-Trichlorobenzene	20.000	16.913	15.4	104	0.00

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