Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091820\
Data File : VX018506.D
Acq On : 18 Sep 2020 20:27
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Sep 21 03:58:05 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	119	0.01
2	M	Dichlorodifluoromethane	20.000	15.202	24.0	97	0.00
3	M	Chloromethane	20.000	15.272	23.6	98	0.00
4	M	Vinyl Chloride	20.000	16.402	18.0	105	0.00
5	M	Bromomethane	20.000	12.590	37.0#	73	0.00
6	M	Chloroethane	20.000	17.180	14.1	108	0.00
7	M	Trichlorofluoromethane	20.000	15.410	22.9	100	0.00
8	T	Diethyl Ether	20.000	16.461	17.7	105	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	15.851	20.7	101	0.00
10	M	1,1-Dichloroethene	20.000	16.739	16.3	107	0.00
11		Methyl Iodide	20.000	15.403	23.0	87	0.00
12		Methyl Acetate	20.000	18.219	8.9	114	0.00
13	M	Acrolein	100.000	68.565	31.4#	99	0.00
14	M	Acrylonitrile	100.000	82.395	17.6	106	0.00
15	M	Acetone	100.000	80.195	19.8	101	0.00
16	M	Carbon Disulfide	20.000	16.149	19.3	102	0.00
17		Allyl chloride	20.000	16.534	17.3	107	0.00
18	M	Methylene Chloride	20.000	15.864	20.7	99	0.00
19	M	trans-1,2-Dichloroethene	20.000	16.311	18.4	106	0.00
20	T	Diisopropyl ether	20.000	17.402	13.0	109	0.00
21	M	1,1-Dichloroethane	20.000	16.283	18.6	103	0.00
22	M	cis-1,2-Dichloroethene	20.000	16.882	15.6	107	0.00
23	M	tert-Butyl Alcohol	100.000	88.554	11.4	118	0.00
24	M	Methyl tert-Butyl Ether	20.000	16.296	18.5	105	0.00
25	M	Chloroform	20.000	16.067	19.7	101	0.00
26		Cyclohexane	20.000	16.481	17.6	108	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.585	1.4	115	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	121	0.00
29		1,1-Dichloropropene	20.000	15.943	20.3	106	0.00
30	M	2-Butanone	100.000	81.306	18.7	106	0.00
31		2,2-Dichloropropane	20.000	13.953	30.2#	92	0.00
32	M	1,1,1-Trichloroethane	20.000	15.784	21.1	103	0.00
33	M	Carbon Tetrachloride	20.000	15.410	22.9	100	0.00
34	M	Benzene	20.000	15.966	20.2	104	0.00
35		Methacrylonitrile	20.000	16.645	16.8	111	0.00
36	M	1,2-Dichloroethane	20.000	15.958	20.2	105	0.00
37	M	Trichloroethene	20.000	16.330	18.4	110	0.00
38		Methylcyclohexane	20.000	15.969	20.2	113	0.00
39	M	1,2-Dichloropropane	20.000	15.947	20.3	103	0.00
40		Dibromomethane	20.000	15.924	20.4	104	0.00
41	M	Bromodichloromethane	20.000	15.964	20.2	105	0.00
42	M	Vinyl Acetate	100.000	81.561	18.4	107	0.00
43		Ethyl Acetate	20.000	15.766	21.2	103	0.00
44		Isopropyl Acetate	20.000	16.276	18.6	108	0.00
45	T	1,4-Dioxane	400.000	292.428	26.9	100	0.00

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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Sep 21 03:58:05 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)
46		Methyl methacrylate	20.000	16.042	19.8	112	0.00
47		n-amyl Acetate	20.000	15.751	21.2	110	0.00
48	M	t-1,3-Dichloropropene	20.000	15.763	21.2	106	0.00
49	T	cis-1,3-Dichloropropene	20.000	16.119	19.4	106	0.00
50	M	1,1,2-Trichloroethane	20.000	15.594	22.0	102	0.00
51		Ethyl methacrylate	20.000	16.207	19.0	112	0.00
52		1,3-Dichloropropane	20.000	16.179	19.1	106	0.00
53	M	Dibromochloromethane	20.000	15.453	22.7	105	0.00
54	M	1,2-Dibromoethane	20.000	15.739	21.3	105	0.00
55	M	2-Chloroethyl vinyl ether	100.000	84.456	15.5	113	0.00
56	M	Bromoform	20.000	15.715	21.4	110	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	121	0.00
58	M	4-Methyl-2-Pentanone	100.000	83.222	16.8	107	0.00
59	M	2-Hexanone	100.000	82.216	17.8	107	0.00
60	S	4-Bromofluorobenzene	30.000	29.236	2.5	118	0.00
61	M	Tetrachloroethene	20.000	15.440	22.8	99	0.00
62	M	Toluene	20.000	16.353	18.2	107	0.00
63	S	Toluene-d8	30.000	29.368	2.1	116	0.00
64	M	Chlorobenzene	20.000	16.555	17.2	107	0.00
65		1,1,1,2-Tetrachloroethane	20.000	15.787	21.1	104	0.00
66	M	Ethyl Benzene	20.000	16.146	19.3	107	0.00
67	M	m/p-Xylenes	40.000	32.579	18.6	107	0.00
68	M	o-Xylene	20.000	16.252	18.7	110	0.00
69	M	Styrene	20.000	16.164	19.2	108	0.00
70		Isopropylbenzene	20.000	15.934	20.3	105	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	16.519	17.4	108	0.00
72		1,2,3-Trichloropropane	20.000	15.948	20.3	103	0.00
73		Bromobenzene	20.000	16.478	17.6	108	0.00
74		n-propylbenzene	20.000	15.886	20.6	105	0.00
75		2-Chlorotoluene	20.000	15.537	22.3	102	0.00
76		1,3,5-Trimethylbenzene	20.000	15.799	21.0	105	0.00
77		t-1,4-Dichloro-2-butene	20.000	13.958	30.2#	96	0.00
78		4-Chlorotoluene	20.000	15.853	20.7	105	0.00
79		tert-butylbenzene	20.000	16.060	19.7	107	0.00
80		1,2,4-Trimethylbenzene	20.000	16.053	19.7	106	0.00
81		sec-Butylbenzene	20.000	15.605	22.0	105	0.00
82		p-Isopropyltoluene	20.000	15.560	22.2	105	0.00
83	M	1,3-Dichlorobenzene	20.000	15.887	20.6	104	0.00
84	M	1,4-Dichlorobenzene	20.000	16.360	18.2	106	0.00
85		n-Butylbenzene	20.000	15.481	22.6	107	0.00
86	T	Hexachloroethane	20.000	14.745	26.3	100	0.00
87	M	1,2-Dichlorobenzene	20.000	16.501	17.5	109	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	15.399	23.0	107	0.00
89		1,2,4-Trichlorobenzene	20.000	16.168	19.2	111	0.00
90		Hexachlorobutadiene	20.000	15.902	20.5	102	0.00

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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

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Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.535	17.3	114	0.00
92	1,2,3-Trichlorobenzene	20.000	16.691	16.5	114	0.00

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