Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072720\
Data File : VX017621.D
Acq On : 27 Jul 2020 16:22
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Jul 28 01:29:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072720W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 27 11:38:31 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	89	0.00
2	M	Dichlorodifluoromethane	20.000	23.256	-16.3	99	0.00
3	M	Chloromethane	20.000	20.690	-3.5	89	0.00
4	M	Vinyl Chloride	20.000	20.591	-3.0	87	0.00
5	M	Bromomethane	20.000	21.398	-7.0	85	0.00
6	M	Chloroethane	20.000	19.714	1.4	84	0.00
7	M	Trichlorofluoromethane	20.000	19.407	3.0	83	0.00
8	T	Diethyl Ether	20.000	19.585	2.1	90	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.277	3.6	86	0.00
10	M	1,1-Dichloroethene	20.000	18.772	6.1	85	0.00
11		Methyl Iodide	20.000	17.507	12.5	85	0.00
12		Methyl Acetate	20.000	19.080	4.6	84	0.00
13	M	Acrolein	100.000	90.727	9.3	87	0.00
14	M	Acrylonitrile	100.000	98.838	1.2	89	0.00
15	M	Acetone	100.000	100.667	-0.7	90	0.00
16	M	Carbon Disulfide	20.000	19.436	2.8	85	0.00
17		Allyl chloride	20.000	18.185	9.1	82	0.00
18	M	Methylene Chloride	20.000	20.615	-3.1	90	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.194	4.0	85	0.00
20	T	Diisopropyl ether	20.000	19.594	2.0	87	0.00
21	M	1,1-Dichloroethane	20.000	20.273	-1.4	92	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.704	1.5	89	0.00
23	M	tert-Butyl Alcohol	100.000	91.881	8.1	81	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.061	4.7	85	0.00
25	M	Chloroform	20.000	19.188	4.1	84	0.00
26		Cyclohexane	20.000	19.666	1.7	87	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.668	-2.2	95	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29		1,1-Dichloropropene	20.000	18.179	9.1	82	0.00
30	M	2-Butanone	100.000	103.049	-3.0	95	0.00
31		2,2-Dichloropropane	20.000	17.764	11.2	79	0.00
32	M	1,1,1-Trichloroethane	20.000	18.840	5.8	86	0.00
33	M	Carbon Tetrachloride	20.000	18.383	8.1	82	0.00
34	M	Benzene	20.000	18.741	6.3	89	0.00
35		Methacrylonitrile	20.000	18.839	5.8	85	0.00
36	M	1,2-Dichloroethane	20.000	18.921	5.4	89	0.00
37	M	Trichloroethene	20.000	18.943	5.3	81	0.00
38		Methylcyclohexane	20.000	15.623	21.9	78	0.00
39	M	1,2-Dichloropropane	20.000	19.379	3.1	91	0.00
40		Dibromomethane	20.000	19.080	4.6	88	0.00
41	M	Bromodichloromethane	20.000	18.314	8.4	86	0.00
42	M	Vinyl Acetate	100.000	94.556	5.4	89	0.00
43		Ethyl Acetate	20.000	18.269	8.7	87	0.00
44		Isopropyl Acetate	20.000	18.369	8.2	90	0.00
45	T	1,4-Dioxane	400.000	356.951	10.8	85	0.00

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Quant Time: Jul 28 01:29:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072720W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	18.525	7.4	95	0.00
47		n-amyl Acetate	20.000	19.519	2.4	100	0.00
48	M	t-1,3-Dichloropropene	20.000	18.223	8.9	85	0.00
49	T	cis-1,3-Dichloropropene	20.000	17.658	11.7	81	0.00
50	M	1,1,2-Trichloroethane	20.000	19.798	1.0	92	0.00
51		Ethyl methacrylate	20.000	19.045	4.8	89	0.00
52		1,3-Dichloropropane	20.000	19.334	3.3	92	0.00
53	M	Dibromochloromethane	20.000	18.794	6.0	96	0.00
54	M	1,2-Dibromoethane	20.000	18.860	5.7	92	0.00
55	M	2-Chloroethyl vinyl ether	100.000	90.144	9.9	82	0.00
56	M	Bromoform	20.000	19.601	2.0	96	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	100.000	93.422	6.6	83	0.00
59	M	2-Hexanone	100.000	99.813	0.2	99	0.00
60	S	4-Bromofluorobenzene	30.000	29.949	0.2	97	0.00
61	M	Tetrachloroethene	20.000	18.781	6.1	88	0.00
62	M	Toluene	20.000	18.347	8.3	82	0.00
63	S	Toluene-d8	30.000	28.229	5.9	85	0.00
64	M	Chlorobenzene	20.000	19.320	3.4	99	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.707	6.5	93	0.00
66	M	Ethyl Benzene	20.000	18.944	5.3	94	0.00
67	M	m/p-Xylenes	40.000	38.467	3.8	95	0.00
68	M	o-Xylene	20.000	19.384	3.1	97	0.00
69	M	Styrene	20.000	19.367	3.2	97	0.00
70		Isopropylbenzene	20.000	17.529	12.4	82	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.943	0.3	95	0.00
72		1,2,3-Trichloropropane	20.000	19.793	1.0	92	0.00
73		Bromobenzene	20.000	19.235	3.8	89	0.00
74		n-propylbenzene	20.000	17.423	12.9	86	0.00
75		2-Chlorotoluene	20.000	18.235	8.8	91	0.00
76		1,3,5-Trimethylbenzene	20.000	17.646	11.8	89	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.179	4.1	87	0.00
78		4-Chlorotoluene	20.000	18.395	8.0	91	0.00
79		tert-butylbenzene	20.000	16.803	16.0	86	0.00
80		1,2,4-Trimethylbenzene	20.000	18.036	9.8	94	0.00
81		sec-Butylbenzene	20.000	15.527	22.4	81	0.00
82		p-Isopropyltoluene	20.000	15.991	20.0	79	0.00
83	M	1,3-Dichlorobenzene	20.000	18.568	7.2	94	0.00
84	M	1,4-Dichlorobenzene	20.000	18.806	6.0	93	0.00
85		n-Butylbenzene	20.000	14.021	29.9	70	0.00
86	T	Hexachloroethane	20.000	14.491	27.5	74	0.00
87	M	1,2-Dichlorobenzene	20.000	17.806	11.0	88	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.431	7.8	94	0.00
89		1,2,4-Trichlorobenzene	20.000	14.832	25.8	67	0.00
90		Hexachlorobutadiene	20.000	10.727	46.4#	49	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.272	13.6	76	0.00
92	1,2,3-Trichlorobenzene	20.000	15.211	23.9	67	0.00

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