Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022521\
Data File : VX020918.D
Acq On : 25 Feb 2021 18:04
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Feb 25 18:27:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022521W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Feb 25 13:26:35 2021
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	99	0.00
2	M	Dichlorodifluoromethane	20.000	19.989	0.1	91	0.00
3	M	Chloromethane	20.000	20.139	-0.7	93	0.00
4	M	Vinyl Chloride	20.000	20.005	-0.0	91	0.00
5	M	Bromomethane	20.000	18.066	9.7	91	0.00
6	M	Chloroethane	20.000	20.107	-0.5	93	-0.01
7	M	Trichlorofluoromethane	20.000	20.952	-4.8	95	-0.01
8	T	Diethyl Ether	20.000	21.294	-6.5	97	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.774	-3.9	93	0.00
10	M	1,1-Dichloroethene	20.000	20.618	-3.1	93	0.00
11		Methyl Iodide	20.000	20.991	-5.0	106	0.00
12		Methyl Acetate	20.000	21.405	-7.0	99	0.00
13	M	Acrolein	100.000	81.269	18.7	83	0.00
14	M	Acrylonitrile	100.000	105.636	-5.6	98	0.00
15	M	Acetone	100.000	98.256	1.7	85	0.00
16	M	Carbon Disulfide	20.000	20.294	-1.5	91	0.00
17		Allyl chloride	20.000	20.387	-1.9	94	0.00
18	M	Methylene Chloride	20.000	21.589	-7.9	98	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.912	-4.6	95	0.00
20	T	Diisopropyl ether	20.000	20.986	-4.9	96	0.00
21	M	1,1-Dichloroethane	20.000	21.013	-5.1	96	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.194	-6.0	96	0.00
23	M	tert-Butyl Alcohol	100.000	103.935	-3.9	97	0.01
24	M	Methyl tert-Butyl Ether	20.000	21.456	-7.3	97	0.00
25	M	Chloroform	20.000	21.298	-6.5	97	0.00
26		Cyclohexane	20.000	20.433	-2.2	92	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.350	2.2	96	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29		1,1-Dichloropropene	20.000	21.358	-6.8	93	0.00
30	M	2-Butanone	100.000	104.927	-4.9	92	0.00
31		2,2-Dichloropropane	20.000	21.348	-6.7	93	0.00
32	M	1,1,1-Trichloroethane	20.000	21.636	-8.2	95	0.00
33	M	Carbon Tetrachloride	20.000	21.491	-7.5	94	0.00
34	M	Benzene	20.000	21.797	-9.0	95	0.00
35		Methacrylonitrile	20.000	21.229	-6.1	95	0.00
36	M	1,2-Dichloroethane	20.000	22.316	-11.6	98	0.00
37	M	Trichloroethene	20.000	21.824	-9.1	94	0.00
38		Methylcyclohexane	20.000	21.450	-7.2	92	0.00
39	M	1,2-Dichloropropane	20.000	21.905	-9.5	98	0.00
40		Dibromomethane	20.000	21.736	-8.7	96	0.00
41	M	Bromodichloromethane	20.000	21.753	-8.8	95	0.00
42	M	Vinyl Acetate	100.000	109.164	-9.2	97	0.00
43		Ethyl Acetate	20.000	22.106	-10.5	100	0.00
44		Isopropyl Acetate	20.000	21.707	-8.5	97	0.00
45	T	1,4-Dioxane	400.000	447.084	-11.8	100	0.00
46		Methyl methacrylate	20.000	21.607	-8.0	97	0.00
47		n-amyl Acetate	20.000	21.254	-6.3	95	0.00
48	M	t-1,3-Dichloropropene	20.000	21.407	-7.0	96	0.00

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	21.530	-7.7	95	0.00
50	M	1,1,2-Trichloroethane	20.000	22.094	-10.5	96	0.00
51		Ethyl methacrylate	20.000	21.572	-7.9	97	0.00
52		1,3-Dichloropropane	20.000	22.151	-10.8	97	0.00
53	M	Dibromochloromethane	20.000	22.130	-10.6	99	0.00
54	M	1,2-Dibromoethane	20.000	22.706	-13.5	102	0.00
55	M	2-Chloroethyl vinyl ether	100.000	102.643	-2.6	92	0.00
56	M	Bromoform	20.000	21.413	-7.1	93	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58	M	4-Methyl-2-Pentanone	100.000	107.365	-7.4	98	0.00
59	M	2-Hexanone	100.000	104.596	-4.6	93	0.00
60	S	4-Bromofluorobenzene	30.000	29.305	2.3	93	0.00
61	M	Tetrachloroethene	20.000	21.053	-5.3	92	0.00
62	M	Toluene	20.000	21.368	-6.8	95	0.00
63	S	Toluene-d8	30.000	29.122	2.9	93	0.00
64	M	Chlorobenzene	20.000	20.460	-2.3	92	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.990	-4.9	96	0.00
66	M	Ethyl Benzene	20.000	20.745	-3.7	92	0.00
67	M	m/p-Xylenes	40.000	41.485	-3.7	91	0.00
68	M	o-Xylene	20.000	21.654	-8.3	95	0.00
69	M	Styrene	20.000	21.311	-6.6	93	0.00
70		Isopropylbenzene	20.000	20.827	-4.1	92	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.952	-9.8	97	0.00
72		1,2,3-Trichloropropane	20.000	20.628	-3.1	95	0.00
73		Bromobenzene	20.000	21.530	-7.7	96	0.00
74		n-propylbenzene	20.000	21.352	-6.8	93	0.00
75		2-Chlorotoluene	20.000	21.295	-6.5	92	0.00
76		1,3,5-Trimethylbenzene	20.000	21.611	-8.1	94	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.204	-1.0	94	0.00
78		4-Chlorotoluene	20.000	21.179	-5.9	93	0.00
79		tert-butylbenzene	20.000	21.080	-5.4	94	0.00
80		1,2,4-Trimethylbenzene	20.000	21.164	-5.8	92	0.00
81		sec-Butylbenzene	20.000	21.520	-7.6	94	0.00
82		p-Isopropyltoluene	20.000	20.854	-4.3	92	0.00
83	M	1,3-Dichlorobenzene	20.000	21.239	-6.2	92	0.00
84	M	1,4-Dichlorobenzene	20.000	21.114	-5.6	92	0.00
85		n-Butylbenzene	20.000	20.991	-5.0	93	0.00
86	T	Hexachloroethane	20.000	20.270	-1.3	89	0.00
87	M	1,2-Dichlorobenzene	20.000	22.259	-11.3	95	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	21.293	-6.5	98	0.00
89		1,2,4-Trichlorobenzene	20.000	22.046	-10.2	99	0.00
90		Hexachlorobutadiene	20.000	20.264	-1.3	89	0.00
91	M	Naphthalene	20.000	21.283	-6.4	95	0.00
92		1,2,3-Trichlorobenzene	20.000	19.923	0.4	85	0.00

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