Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120618\
Data File : VN052709.D
Acq On : 6 Dec 2018 20:25
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Dec 07 07:26:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 2018
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	91	0.00
2	M	Dichlorodifluoromethane	20.000	18.984	5.1	84	0.00
3	M	Chloromethane	20.000	19.102	4.5	87	0.00
4	M	Vinyl Chloride	20.000	19.588	2.1	89	0.00
5	M	Bromomethane	20.000	20.595	-3.0	95	0.00
6	M	Chloroethane	20.000	19.757	1.2	89	0.00
7	M	Trichlorofluoromethane	20.000	20.167	-0.8	92	0.00
8	T	Diethyl Ether	20.000	20.572	-2.9	96	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.614	1.9	87	0.00
10	M	1,1-Dichloroethene	20.000	20.016	-0.1	92	0.00
11		Methyl Iodide	20.000	21.042	-5.2	100	0.00
12		Methyl Acetate	20.000	22.036	-10.2	100	0.00
13	M	Acrolein	100.000	81.189	18.8	80	0.00
14	M	Acrylonitrile	100.000	106.265	-6.3	94	0.00
15	M	Acetone	100.000	105.338	-5.3	88	0.00
16	M	Carbon Disulfide	20.000	18.568	7.2	85	0.00
17		Allyl chloride	20.000	19.437	2.8	88	0.00
18	M	Methylene Chloride	20.000	20.791	-4.0	95	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.235	-1.2	93	0.00
20	T	Diisopropyl ether	20.000	20.272	-1.4	92	0.00
21	M	1,1-Dichloroethane	20.000	20.375	-1.9	93	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.469	-2.3	93	0.00
23	M	tert-Butyl Alcohol	100.000	109.576	-9.6	97	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.216	-6.1	97	0.00
25	M	Chloroform	20.000	20.735	-3.7	95	0.00
26		Cyclohexane	20.000	18.877	5.6	85	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.692	1.0	90	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29		1,1-Dichloropropene	20.000	20.156	-0.8	90	0.00
30	M	2-Butanone	100.000	104.107	-4.1	91	0.00
31		2,2-Dichloropropane	20.000	19.641	1.8	90	0.00
32	M	1,1,1-Trichloroethane	20.000	20.954	-4.8	95	0.00
33	M	Carbon Tetrachloride	20.000	20.714	-3.6	94	0.00
34	M	Benzene	20.000	20.463	-2.3	92	0.00
35		Methacrylonitrile	20.000	17.595	12.0	78	0.00
36	M	1,2-Dichloroethane	20.000	20.687	-3.4	93	0.00
37	M	Trichloroethene	20.000	21.133	-5.7	96	0.00
38		Methylcyclohexane	20.000	18.706	6.5	83	0.00
39	M	1,2-Dichloropropane	20.000	20.309	-1.5	92	0.00
40		Dibromomethane	20.000	21.581	-7.9	97	0.00
41	M	Bromodichloromethane	20.000	20.760	-3.8	95	0.00
42	M	Vinyl Acetate	100.000	101.940	-1.9	93	0.00
43		Ethyl Acetate	20.000	21.959	-9.8	95	0.00
44		Isopropyl Acetate	20.000	22.468	-12.3	103	0.00
45	T	1,4-Dioxane	400.000	424.258	-6.1	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	21.589	-7.9	99	0.00
47		n-amyl Acetate	20.000	20.377	-1.9	97	0.00
48	M	t-1,3-Dichloropropene	20.000	20.437	-2.2	97	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.016	-0.1	92	0.00
50	M	1,1,2-Trichloroethane	20.000	21.973	-9.9	97	0.00
51		Ethyl methacrylate	20.000	21.317	-6.6	100	0.00
52		1,3-Dichloropropane	20.000	21.286	-6.4	95	0.00
53	M	Dibromochloromethane	20.000	21.425	-7.1	97	0.00
54	M	1,2-Dibromoethane	20.000	21.599	-8.0	98	0.00
55	M	2-Chloroethyl vinyl ether	100.000	97.918	2.1	87	0.00
56	M	Bromoform	20.000	21.552	-7.8	99	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58	M	4-Methyl-2-Pentanone	100.000	111.947	-11.9	97	0.00
59	M	2-Hexanone	100.000	108.511	-8.5	94	0.00
60	S	4-Bromofluorobenzene	30.000	29.873	0.4	90	0.00
61	M	Tetrachloroethene	20.000	22.964	-14.8	100	0.00
62	M	Toluene	20.000	20.814	-4.1	92	0.00
63	S	Toluene-d8	30.000	29.691	1.0	88	0.00
64	M	Chlorobenzene	20.000	21.074	-5.4	95	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.413	-7.1	98	0.00
66	M	Ethyl Benzene	20.000	20.478	-2.4	92	0.00
67	M	m/p-Xylenes	40.000	41.684	-4.2	92	0.00
68	M	o-Xylene	20.000	20.949	-4.7	94	0.00
69	M	Styrene	20.000	20.924	-4.6	94	0.00
70		Isopropylbenzene	20.000	21.060	-5.3	94	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	22.154	-10.8	97	0.00
72		1,2,3-Trichloropropane	20.000	21.672	-8.4	102	0.00
73		Bromobenzene	20.000	21.454	-7.3	97	0.00
74		n-propylbenzene	20.000	20.197	-1.0	89	0.00
75		2-Chlorotoluene	20.000	20.888	-4.4	93	0.00
76		1,3,5-Trimethylbenzene	20.000	21.027	-5.1	93	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.055	-0.3	95	0.00
78		4-Chlorotoluene	20.000	20.605	-3.0	92	0.00
79		tert-butylbenzene	20.000	21.451	-7.3	95	0.00
80		1,2,4-Trimethylbenzene	20.000	20.815	-4.1	91	0.00
81		sec-Butylbenzene	20.000	20.614	-3.1	91	0.00
82		p-Isopropyltoluene	20.000	20.543	-2.7	92	0.00
83	M	1,3-Dichlorobenzene	20.000	20.842	-4.2	94	0.00
84	M	1,4-Dichlorobenzene	20.000	20.821	-4.1	94	0.00
85		n-Butylbenzene	20.000	18.786	6.1	84	0.00
86	T	Hexachloroethane	20.000	20.651	-3.3	94	0.00
87	M	1,2-Dichlorobenzene	20.000	21.697	-8.5	96	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	22.170	-10.9	102	0.00
89		1,2,4-Trichlorobenzene	20.000	19.759	1.2	92	0.00
90		Hexachlorobutadiene	20.000	21.508	-7.5	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.874	0.6	93	0.00
92	1,2,3-Trichlorobenzene	20.000	20.703	-3.5	95	0.00

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