Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
Data File : VD064613.D
Acq On : 26 Dec 2019 22:44
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Dec 27 05:45:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	93	0.00
2	T	Dichlorodifluoromethane	50.000	48.136	3.7	89	0.00
3	P	Chloromethane	50.000	50.946	-1.9	95	0.00
4	C	Vinyl Chloride	50.000	49.345	1.3#	94	0.00
5	T	Bromomethane	50.000	50.040	-0.1	97	0.00
6	T	Chloroethane	50.000	51.790	-3.6	94	0.00
7	T	Trichlorofluoromethane	50.000	50.112	-0.2	93	0.00
8	T	Diethyl Ether	50.000	53.041	-6.1	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.663	2.7	89	0.00
10	T	Methyl Iodide	50.000	55.343	-10.7	93	0.00
11	T	Tert butyl alcohol	250.000	255.042	-2.0	88	0.01
12	CM	1,1-Dichloroethene	50.000	50.182	-0.4#	93	0.00
13	T	Acrolein	250.000	272.792	-9.1	98	0.00
14	T	Allyl chloride	50.000	52.436	-4.9	97	0.00
15	T	Acrylonitrile	250.000	260.779	-4.3	94	0.00
16	T	Acetone	250.000	204.107	18.4	78	0.00
17	T	Carbon Disulfide	50.000	49.778	0.4	93	0.00
18	T	Methyl Acetate	50.000	50.341	-0.7	94	0.00
19	T	Methyl tert-butyl Ether	50.000	53.561	-7.1	97	0.00
20	T	Methylene Chloride	50.000	56.804	-13.6	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.665	-3.3	97	0.00
22	T	Diisopropyl ether	50.000	53.414	-6.8	97	0.00
23	T	Vinyl Acetate	250.000	274.756	-9.9	96	0.00
24	P	1,1-Dichloroethane	50.000	53.186	-6.4	98	0.00
25	T	2-Butanone	250.000	247.483	1.0	89	0.00
26	T	2,2-Dichloropropane	50.000	47.848	4.3	89	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.691	-5.4	97	0.00
28	T	Bromochloromethane	50.000	55.681	-11.4	95	0.00
29	T	Tetrahydrofuran	250.000	265.236	-6.1	95	0.00
30	C	Chloroform	50.000	53.544	-7.1#	100	0.00
31	T	Cyclohexane	50.000	45.715	8.6	89	0.00
32	T	1,1,1-Trichloroethane	50.000	50.775	-1.5	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.634	-5.3	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	51.536	-3.1	94	0.00
36	T	1,1-Dichloropropene	50.000	49.498	1.0	93	0.00
37	T	Ethyl Acetate	50.000	50.780	-1.6	92	0.00
38	T	Carbon Tetrachloride	50.000	49.187	1.6	91	0.00
39	T	Methylcyclohexane	50.000	48.383	3.2	89	0.00
40	TM	Benzene	50.000	51.917	-3.8	98	0.00
41	T	Methacrylonitrile	50.000	50.399	-0.8	86	0.00
42	TM	1,2-Dichloroethane	50.000	52.013	-4.0	98	0.00
43	T	Isopropyl Acetate	50.000	51.442	-2.9	94	0.00
44	TM	Trichloroethene	50.000	51.067	-2.1	97	0.00
45	C	1,2-Dichloropropane	50.000	51.978	-4.0#	98	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	52.463	-4.9	97	0.00
47	T	Bromodichloromethane	50.000	52.670	-5.3	98	0.00
48	T	Methyl methacrylate	50.000	50.108	-0.2	88	0.00
49	T	1,4-Dioxane	1000.000	1039.137	-3.9	98	0.00
50	S	Toluene-d8	50.000	51.125	-2.3	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.177	-2.9	95	0.00
52	CM	Toluene	50.000	51.572	-3.1#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	52.538	-5.1	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.738	-3.5	95	0.00
55	T	1,1,2-Trichloroethane	50.000	52.591	-5.2	99	0.00
56	T	Ethyl methacrylate	50.000	52.039	-4.1	95	0.00
57	T	1,3-Dichloropropane	50.000	51.717	-3.4	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	236.729	5.3	93	0.00
59	T	2-Hexanone	250.000	255.149	-2.1	91	0.00
60	T	Dibromochloromethane	50.000	51.116	-2.2	95	0.00
61	T	1,2-Dibromoethane	50.000	51.301	-2.6	95	0.00
62	S	4-Bromofluorobenzene	50.000	51.403	-2.8	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	49.152	1.7	96	0.00
65	PM	Chlorobenzene	50.000	50.438	-0.9	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.785	-3.6	99	0.00
67	C	Ethyl Benzene	50.000	49.945	0.1#	95	0.00
68	T	m/p-Xylenes	100.000	100.563	-0.6	95	0.00
69	T	o-Xylene	50.000	51.208	-2.4	97	0.00
70	T	Styrene	50.000	51.081	-2.2	97	0.00
71	P	Bromoform	50.000	50.616	-1.2	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	50.325	-0.7	94	0.00
74	T	N-amyl acetate	50.000	52.060	-4.1	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.422	1.2	93	0.00
76	T	1,2,3-Trichloropropane	50.000	51.445	-2.9	113	0.00
77	T	Bromobenzene	50.000	51.436	-2.9	97	0.00
78	T	n-propylbenzene	50.000	50.116	-0.2	94	0.00
79	T	2-Chlorotoluene	50.000	50.307	-0.6	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.449	-0.9	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.695	0.6	94	0.00
82	T	4-Chlorotoluene	50.000	50.552	-1.1	96	0.00
83	T	tert-Butylbenzene	50.000	50.689	-1.4	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.941	-1.9	95	0.00
85	T	sec-Butylbenzene	50.000	49.444	1.1	92	0.00
86	T	p-Isopropyltoluene	50.000	49.896	0.2	92	0.00
87	T	1,3-Dichlorobenzene	50.000	50.630	-1.3	96	0.00
88	T	1,4-Dichlorobenzene	50.000	50.759	-1.5	95	0.00
89	T	n-Butylbenzene	50.000	49.723	0.6	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.003	2.0	92	0.00
91 T	1,2-Dichlorobenzene	50.000	50.850	-1.7	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.952	4.1	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.888	-1.8	95	0.00
94 T	Hexachlorobutadiene	50.000	47.524	5.0	90	0.00
95 T	Naphthalene	50.000	50.759	-1.5	92	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.213	-0.4	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6