Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD082219\
Data File : VD063752.D
Acq On : 22 Aug 2019 23:53
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 23 07:02:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 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	74	-0.02
2	T	Dichlorodifluoromethane	50.000	45.525	9.0	68	-0.02
3	P	Chloromethane	50.000	45.851	8.3	72	-0.01
4	C	Vinyl Chloride	50.000	48.782	2.4#	70	-0.02
5	T	Bromomethane	50.000	51.409	-2.8	70	-0.02
6	T	Chloroethane	50.000	52.909	-5.8	75	-0.02
7	T	Trichlorofluoromethane	50.000	46.801	6.4	66	-0.01
8	T	Diethyl Ether	50.000	57.916	-15.8	85	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.043	13.9	63	-0.03
10	T	Methyl Iodide	50.000	46.358	7.3	65	-0.03
11	T	Tert butyl alcohol	250.000	311.978	-24.8#	89	-0.03
12	CM	1,1-Dichloroethene	50.000	44.886	10.2#	62	-0.02
13	T	Acrolein	250.000	189.416	24.2#	61	-0.03
14	T	Allyl chloride	50.000	51.255	-2.5	76	-0.02
15	T	Acrylonitrile	250.000	313.237	-25.3#	89	-0.02
16	T	Acetone	250.000	257.764	-3.1	67	-0.02
17	T	Carbon Disulfide	50.000	45.176	9.6	67	-0.02
18	T	Methyl Acetate	50.000	59.952	-19.9	95	-0.02
19	T	Methyl tert-butyl Ether	50.000	59.988	-20.0	86	-0.02
20	T	Methylene Chloride	50.000	51.095	-2.2	79	-0.02
21	T	trans-1,2-Dichloroethene	50.000	54.050	-8.1	75	-0.03
22	T	Diisopropyl ether	50.000	56.061	-12.1	81	-0.02
23	T	Vinyl Acetate	250.000	297.801	-19.1	86	-0.03
24	P	1,1-Dichloroethane	50.000	55.392	-10.8	81	-0.03
25	T	2-Butanone	250.000	294.103	-17.6	84	-0.02
26	T	2,2-Dichloropropane	50.000	49.207	1.6	71	-0.02
27	T	cis-1,2-Dichloroethene	50.000	55.075	-10.2	79	-0.02
28	T	Bromochloromethane	50.000	53.732	-7.5	76	-0.02
29		Tetrahydrofuran	250.000	302.158	-20.9#	87	-0.02
30	C	Chloroform	50.000	54.975	-10.0#	81	-0.02
31	T	Cyclohexane	50.000	49.146	1.7	68	-0.02
32	T	1,1,1-Trichloroethane	50.000	52.460	-4.9	75	-0.02
33	S	1,2-Dichloroethane-d4	50.000	53.626	-7.3	69	-0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	73	-0.02
35	S	Dibromofluoromethane	50.000	55.498	-11.0	69	-0.02
36	T	1,1-Dichloropropene	50.000	53.757	-7.5	75	-0.02
37	T	Ethyl Acetate	50.000	64.044	-28.1#	90	-0.03
38	T	Carbon Tetrachloride	50.000	57.698	-15.4	75	-0.02
39	T	Methylcyclohexane	50.000	48.847	2.3	65	-0.01
40	TM	Benzene	50.000	54.285	-8.6	74	-0.02
41	T	Methacrylonitrile	50.000	63.497	-27.0#	87	-0.02
42	TM	1,2-Dichloroethane	50.000	57.873	-15.7	80	-0.02
43	T	Isopropyl Acetate	50.000	62.589	-25.2#	88	-0.02
44	TM	Trichloroethene	50.000	55.284	-10.6	81	-0.01
45	C	1,2-Dichloropropane	50.000	57.807	-15.6#	83	-0.02

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	58.903	-17.8	81	-0.01
47	T	Bromodichloromethane	50.000	59.181	-18.4	85	-0.01
48	T	Methyl methacrylate	50.000	64.240	-28.5#	90	-0.01
49	T	1,4-Dioxane	1000.000	1138.961	-13.9	81	-0.02
50	S	Toluene-d8	50.000	56.556	-13.1	68	-0.01
51	T	4-Methyl-2-Pentanone	250.000	331.008	-32.4#	97	-0.01
52	CM	Toluene	50.000	56.558	-13.1#	83	-0.02
53	T	t-1,3-Dichloropropene	50.000	59.879	-19.8	83	-0.01
54	T	cis-1,3-Dichloropropene	50.000	55.509	-11.0	76	-0.02
55	T	1,1,2-Trichloroethane	50.000	61.227	-22.5#	88	-0.02
56	T	Ethyl methacrylate	50.000	63.543	-27.1#	87	-0.02
57	T	1,3-Dichloropropane	50.000	61.076	-22.2#	86	-0.02
58	T	2-Chloroethyl Vinyl ether	250.000	342.622	-37.0#	87	-0.01
59	T	2-Hexanone	250.000	314.304	-25.7#	83	-0.01
60	T	Dibromochloromethane	50.000	63.225	-26.5#	88	-0.01
61	T	1,2-Dibromoethane	50.000	63.051	-26.1#	90	-0.01
62	S	4-Bromofluorobenzene	50.000	56.792	-13.6	77	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	-0.01
64	T	Tetrachloroethene	50.000	49.342	1.3	75	-0.02
65	PM	Chlorobenzene	50.000	51.963	-3.9	79	-0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	52.912	-5.8	80	-0.01
67	C	Ethyl Benzene	50.000	50.600	-1.2#	76	-0.01
68	T	m/p-Xylenes	100.000	104.529	-4.5	81	-0.02
69	T	o-Xylene	50.000	49.479	1.0	75	-0.01
70	T	Styrene	50.000	51.012	-2.0	80	0.00
71	P	Bromoform	50.000	59.197	-18.4	88	-0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	-0.01
73	T	Isopropylbenzene	50.000	52.421	-4.8	76	-0.01
74	T	N-amyl acetate	50.000	62.125	-24.3#	91	-0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	59.647	-19.3	88	-0.01
76	T	1,2,3-Trichloropropane	50.000	57.167	-14.3	85	0.00
77	T	Bromobenzene	50.000	54.723	-9.4	83	-0.01
78	T	n-propylbenzene	50.000	52.374	-4.7	80	-0.01
79	T	2-Chlorotoluene	50.000	52.117	-4.2	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.968	0.1	74	-0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	53.735	-7.5	79	-0.01
82	T	4-Chlorotoluene	50.000	51.394	-2.8	77	-0.01
83	T	tert-Butylbenzene	50.000	51.770	-3.5	77	-0.01
84	T	1,2,4-Trimethylbenzene	50.000	53.190	-6.4	78	-0.01
85	T	sec-Butylbenzene	50.000	55.067	-10.1	87	-0.01
86	T	p-Isopropyltoluene	50.000	51.767	-3.5	75	0.00
87	T	1,3-Dichlorobenzene	50.000	44.809	10.4	68	-0.01
88	T	1,4-Dichlorobenzene	50.000	55.331	-10.7	84	-0.01
89	T	n-Butylbenzene	50.000	52.423	-4.8	82	-0.01

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.919	-9.8	83	-0.01
91 T	1,2-Dichlorobenzene	50.000	57.198	-14.4	88	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.394	-6.8	82	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	55.763	-11.5	80	-0.01
94 T	Hexachlorobutadiene	50.000	56.715	-13.4	83	0.00
95 T	Naphthalene	50.000	59.783	-19.6	91	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	61.599	-23.2#	94	-0.01

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