Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD080319\
Data File : VD063373.D
Acq On : 3 Aug 2019 20:33
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 04 06:09:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 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	79	0.01
2	T	Dichlorodifluoromethane	50.000	53.180	-6.4	93	0.01
3	P	Chloromethane	50.000	54.454	-8.9	95	0.00
4	C	Vinyl Chloride	50.000	56.823	-13.6#	93	0.00
5	T	Bromomethane	50.000	59.049	-18.1	93	0.00
6	T	Chloroethane	50.000	60.593	-21.2#	99	0.00
7	T	Trichlorofluoromethane	50.000	60.015	-20.0#	96	0.01
8	T	Diethyl Ether	50.000	54.078	-8.2	92	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	61.549	-23.1#	109	0.00
10	T	Methyl Iodide	50.000	56.088	-12.2	84	0.01
11	T	Tert butyl alcohol	250.000	235.117	6.0	85	0.01
12	CM	1,1-Dichloroethene	50.000	61.154	-22.3#	104	0.01
13	T	Acrolein	250.000	254.343	-1.7	91	0.00
14	T	Allyl chloride	50.000	55.625	-11.3	88	0.01
15	T	Acrylonitrile	250.000	263.990	-5.6	93	0.02
16	T	Acetone	250.000	240.024	4.0	77	0.00
17	T	Carbon Disulfide	50.000	51.932	-3.9	84	0.01
18	T	Methyl Acetate	50.000	54.466	-8.9	98	0.01
19	T	Methyl tert-butyl Ether	50.000	57.585	-15.2	96	0.01
20	T	Methylene Chloride	50.000	57.090	-14.2	96	0.01
21	T	trans-1,2-Dichloroethene	50.000	60.638	-21.3#	102	0.01
22	T	Diisopropyl ether	50.000	55.044	-10.1	90	0.01
23	T	Vinyl Acetate	250.000	280.144	-12.1	90	0.01
24	P	1,1-Dichloroethane	50.000	56.833	-13.7	93	0.01
25	T	2-Butanone	250.000	254.756	-1.9	82	0.01
26	T	2,2-Dichloropropane	50.000	58.252	-16.5	91	0.01
27	T	cis-1,2-Dichloroethene	50.000	57.339	-14.7	90	0.01
28	T	Bromochloromethane	50.000	54.327	-8.7	88	0.01
29		Tetrahydrofuran	250.000	258.518	-3.4	87	0.01
30	C	Chloroform	50.000	59.950	-19.9#	99	0.01
31	T	Cyclohexane	50.000	53.126	-6.3	89	0.01
32	T	1,1,1-Trichloroethane	50.000	63.951	-27.9#	104	0.01
33	S	1,2-Dichloroethane-d4	50.000	57.212	-14.4	86	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.01
35	S	Dibromofluoromethane	50.000	59.130	-18.3	92	0.02
36	T	1,1-Dichloropropene	50.000	60.585	-21.2#	93	0.01
37	T	Ethyl Acetate	50.000	51.893	-3.8	93	0.02
38	T	Carbon Tetrachloride	50.000	66.798	-33.6#	99	0.01
39	T	Methylcyclohexane	50.000	58.933	-17.9	92	0.01
40	TM	Benzene	50.000	61.041	-22.1#	92	0.01
41	T	Methacrylonitrile	50.000	54.602	-9.2	88	0.00
42	TM	1,2-Dichloroethane	50.000	64.300	-28.6#	101	0.01
43	T	Isopropyl Acetate	50.000	56.458	-12.9	91	0.01
44	TM	Trichloroethene	50.000	59.495	-19.0	94	0.01
45	C	1,2-Dichloropropane	50.000	58.786	-17.6#	93	0.01

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Quant Time: Aug 04 06:09:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 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)
46	T	Dibromomethane	50.000	57.601	-15.2	92	0.01
47	T	Bromodichloromethane	50.000	64.127	-28.3#	101	0.01
48	T	Methyl methacrylate	50.000	58.568	-17.1	89	0.01
49	T	1,4-Dioxane	1000.000	1094.231	-9.4	86	0.01
50	S	Toluene-d8	50.000	60.505	-21.0#	88	0.01
51	T	4-Methyl-2-Pentanone	250.000	284.284	-13.7	91	0.01
52	CM	Toluene	50.000	61.264	-22.5#	101	0.01
53	T	t-1,3-Dichloropropene	50.000	60.462	-20.9#	93	0.01
54	T	cis-1,3-Dichloropropene	50.000	60.456	-20.9#	92	0.01
55	T	1,1,2-Trichloroethane	50.000	59.941	-19.9	97	0.01
56	T	Ethyl methacrylate	50.000	56.812	-13.6	87	0.01
57	T	1,3-Dichloropropane	50.000	57.510	-15.0	88	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	260.139	-4.1	81	0.01
59	T	2-Hexanone	250.000	291.027	-16.4	97	0.01
60	T	Dibromochloromethane	50.000	63.996	-28.0#	98	0.00
61	T	1,2-Dibromoethane	50.000	60.727	-21.5#	97	0.00
62	S	4-Bromofluorobenzene	50.000	63.619	-27.2#	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	64.154	-28.3#	108	0.01
65	PM	Chlorobenzene	50.000	62.320	-24.6#	97	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	67.810	-35.6#	108	0.00
67	C	Ethyl Benzene	50.000	67.440	-34.9#	108	0.00
68	T	m/p-Xylenes	100.000	124.213	-24.2#	100	0.01
69	T	o-Xylene	50.000	64.224	-28.4#	108	0.01
70	T	Styrene	50.000	61.356	-22.7#	97	0.00
71	P	Bromoform	50.000	61.762	-23.5#	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	60.215	-20.4#	106	0.01
74	T	N-amyl acetate	50.000	50.207	-0.4	89	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	58.154	-16.3	103	0.01
76	T	1,2,3-Trichloropropane	50.000	53.735	-7.5	92	0.00
77	T	Bromobenzene	50.000	56.986	-14.0	104	0.01
78	T	n-propylbenzene	50.000	57.819	-15.6	100	0.00
79	T	2-Chlorotoluene	50.000	54.598	-9.2	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.532	-13.1	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.408	13.2	75	0.01
82	T	4-Chlorotoluene	50.000	57.382	-14.8	108	0.00
83	T	tert-Butylbenzene	50.000	56.959	-13.9	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.034	-16.1	102	0.00
85	T	sec-Butylbenzene	50.000	52.946	-5.9	97	0.01
86	T	p-Isopropyltoluene	50.000	57.973	-15.9	108	0.00
87	T	1,3-Dichlorobenzene	50.000	55.814	-11.6	103	0.01
88	T	1,4-Dichlorobenzene	50.000	55.797	-11.6	100	0.00
89	T	n-Butylbenzene	50.000	59.492	-19.0	105	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	57.059	-14.1	106	0.00
91 T	1,2-Dichlorobenzene	50.000	57.353	-14.7	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.712	-5.4	116	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.574	-3.1	95	0.00
94 T	Hexachlorobutadiene	50.000	51.443	-2.9	92	0.00
95 T	Naphthalene	50.000	52.475	-5.0	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.819	-5.6	99	0.00

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