Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071919\
Data File : VD063146.D
Acq On : 19 Jul 2019 11:20
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jul 20 05:09:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 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	100	0.00
2	T	Dichlorodifluoromethane	50.000	49.121	1.8	98	0.00
3	P	Chloromethane	50.000	50.238	-0.5	105	0.00
4	C	Vinyl Chloride	50.000	43.558	12.9#	102	0.00
5	T	Bromomethane	50.000	55.934	-11.9	113	0.00
6	T	Chloroethane	50.000	50.191	-0.4	109	0.00
7	T	Trichlorofluoromethane	50.000	46.957	6.1	98	0.00
8	T	Diethyl Ether	50.000	51.627	-3.3	113	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.089	5.8	114	0.00
10	T	Methyl Iodide	50.000	53.067	-6.1	113	0.00
11	T	Tert butyl alcohol	250.000	255.035	-2.0	104	-0.01
12	CM	1,1-Dichloroethene	50.000	49.033	1.9#	116	0.00
13	T	Acrolein	250.000	100.547	59.8#	68	0.00
14	T	Allyl chloride	50.000	51.722	-3.4	110	0.00
15	T	Acrylonitrile	250.000	271.972	-8.8	117	0.00
16	T	Acetone	250.000	300.777	-20.3#	114	0.00
17	T	Carbon Disulfide	50.000	44.615	10.8	104	0.00
18	T	Methyl Acetate	50.000	59.927	-19.9	127	0.00
19	T	Methyl tert-butyl Ether	50.000	54.365	-8.7	116	0.00
20	T	Methylene Chloride	50.000	47.181	5.6	106	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.065	-0.1	117	0.00
22	T	Diisopropyl ether	50.000	51.735	-3.5	109	0.00
23	T	Vinyl Acetate	250.000	282.233	-12.9	111	0.00
24	P	1,1-Dichloroethane	50.000	53.688	-7.4	113	0.00
25	T	2-Butanone	250.000	271.829	-8.7	111	0.00
26	T	2,2-Dichloropropane	50.000	46.602	6.8	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.829	0.3	108	0.00
28	T	Bromochloromethane	50.000	51.301	-2.6	106	0.00
29		Tetrahydrofuran	250.000	270.975	-8.4	111	0.00
30	C	Chloroform	50.000	51.381	-2.8#	111	0.00
31	T	Cyclohexane	50.000	45.769	8.5	103	0.00
32	T	1,1,1-Trichloroethane	50.000	50.446	-0.9	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.181	3.6	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	46.896	6.2	106	0.00
36	T	1,1-Dichloropropene	50.000	45.852	8.3	109	0.00
37	T	Ethyl Acetate	50.000	51.686	-3.4	112	0.00
38	T	Carbon Tetrachloride	50.000	44.683	10.6	104	0.00
39	T	Methylcyclohexane	50.000	43.014	14.0	106	0.00
40	TM	Benzene	50.000	45.485	9.0	103	0.00
41	T	Methacrylonitrile	50.000	51.692	-3.4	118	0.00
42	TM	1,2-Dichloroethane	50.000	48.065	3.9	111	0.00
43	T	Isopropyl Acetate	50.000	46.399	7.2	102	0.00
44	TM	Trichloroethene	50.000	49.119	1.8	117	0.00
45	C	1,2-Dichloropropane	50.000	49.253	1.5#	116	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	47.068	5.9	106	0.00
47	T	Bromodichloromethane	50.000	48.446	3.1	109	0.00
48	T	Methyl methacrylate	50.000	51.282	-2.6	115	0.00
49	T	1,4-Dioxane	1000.000	1013.135	-1.3	104	0.02
50	S	Toluene-d8	50.000	46.864	6.3	108	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.931	-3.6	110	0.00
52	CM	Toluene	50.000	45.152	9.7#	106	0.00
53	T	t-1,3-Dichloropropene	50.000	48.715	2.6	109	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.688	6.6	102	0.02
55	T	1,1,2-Trichloroethane	50.000	50.074	-0.1	113	0.00
56	T	Ethyl methacrylate	50.000	52.331	-4.7	116	0.00
57	T	1,3-Dichloropropane	50.000	49.282	1.4	116	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	221.105	11.6	91	0.00
59	T	2-Hexanone	250.000	266.094	-6.4	112	0.00
60	T	Dibromochloromethane	50.000	48.045	3.9	106	0.00
61	T	1,2-Dibromoethane	50.000	51.194	-2.4	118	0.00
62	S	4-Bromofluorobenzene	50.000	46.973	6.1	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	47.456	5.1	107	0.00
65	PM	Chlorobenzene	50.000	50.238	-0.5	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.370	-4.7	112	0.00
67	C	Ethyl Benzene	50.000	49.330	1.3#	108	0.00
68	T	m/p-Xylenes	100.000	101.801	-1.8	113	0.00
69	T	o-Xylene	50.000	50.947	-1.9	109	0.00
70	T	Styrene	50.000	51.638	-3.3	108	0.00
71	P	Bromoform	50.000	54.895	-9.8	112	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	46.640	6.7	111	0.00
74	T	N-amyl acetate	50.000	46.897	6.2	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.101	3.8	108	0.00
76	T	1,2,3-Trichloropropane	50.000	48.373	3.3	107	0.00
77	T	Bromobenzene	50.000	46.879	6.2	109	0.00
78	T	n-propylbenzene	50.000	44.909	10.2	100	0.00
79	T	2-Chlorotoluene	50.000	42.385	15.2	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.006	10.0	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.339	5.3	107	0.00
82	T	4-Chlorotoluene	50.000	46.006	8.0	107	0.00
83	T	tert-Butylbenzene	50.000	43.371	13.3	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.112	3.8	112	0.00
85	T	sec-Butylbenzene	50.000	46.049	7.9	108	0.00
86	T	p-Isopropyltoluene	50.000	44.944	10.1	109	0.00
87	T	1,3-Dichlorobenzene	50.000	46.691	6.6	112	0.00
88	T	1,4-Dichlorobenzene	50.000	47.712	4.6	112	0.00
89	T	n-Butylbenzene	50.000	45.539	8.9	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.242	7.5	105	0.00
91 T	1,2-Dichlorobenzene	50.000	48.052	3.9	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.638	4.7	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.288	3.4	108	0.00
94 T	Hexachlorobutadiene	50.000	48.052	3.9	107	0.00
95 T	Naphthalene	50.000	46.616	6.8	110	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.975	4.0	106	0.00

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