Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD072718\
Data File : VD059617.D
Acq On : 27 Jul 2018 17:24
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 28 01:20:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
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	103	0.00
2	T	Dichlorodifluoromethane	50.000	50.026	-0.1	103	0.00
3	P	Chloromethane	50.000	42.197	15.6	101	0.00
4	C	Vinyl Chloride	50.000	48.338	3.3#	102	0.00
5	T	Bromomethane	50.000	68.254	-36.5#	116	0.00
6	T	Chloroethane	50.000	96.305	-92.6#	115	0.02
7	T	Trichlorofluoromethane	50.000	56.037	-12.1	113	0.02
8	T	Diethyl Ether	50.000	49.374	1.3	109	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	56.552	-13.1	117	0.02
10	T	Methyl Iodide	50.000	51.248	-2.5	111	0.02
11	T	Tert butyl alcohol	250.000	267.621	-7.0	112	0.02
12	CM	1,1-Dichloroethene	50.000	57.515	-15.0#	112	0.02
13	T	Acrolein	250.000	253.588	-1.4	111	0.02
14	T	Allyl chloride	50.000	53.537	-7.1	110	0.02
15	T	Acrylonitrile	250.000	283.645	-13.5	119	0.00
16	T	Acetone	250.000	289.958	-16.0	120	0.00
17	T	Carbon Disulfide	50.000	50.022	-0.0	101	0.00
18	T	Methyl Acetate	50.000	56.027	-12.1	123	0.00
19	T	Methyl tert-butyl Ether	50.000	54.119	-8.2	120	0.00
20	T	Methylene Chloride	50.000	49.364	1.3	112	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.374	-8.7	112	0.02
22	T	Diisopropyl ether	50.000	48.526	2.9	107	0.02
23	T	Vinyl Acetate	250.000	242.491	3.0	106	0.02
24	P	1,1-Dichloroethane	50.000	51.525	-3.0	106	0.02
25	T	2-Butanone	250.000	247.838	0.9	114	0.02
26	T	2,2-Dichloropropane	50.000	54.256	-8.5	116	0.02
27	T	cis-1,2-Dichloroethene	50.000	50.982	-2.0	108	0.00
28	T	Bromochloromethane	50.000	50.412	-0.8	102	0.02
29		Tetrahydrofuran	250.000	241.125	3.5	107	0.02
30	C	Chloroform	50.000	52.245	-4.5#	115	0.02
31	T	Cyclohexane	50.000	53.232	-6.5	112	0.00
32	T	1,1,1-Trichloroethane	50.000	53.915	-7.8	112	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.063	-0.1	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	56.899	-13.8	102	0.00
36	T	1,1-Dichloropropene	50.000	58.970	-17.9	119	0.00
37	T	Ethyl Acetate	50.000	57.001	-14.0	108	0.02
38	T	Carbon Tetrachloride	50.000	59.113	-18.2	110	0.02
39	T	Methylcyclohexane	50.000	54.457	-8.9	103	0.00
40	TM	Benzene	50.000	56.238	-12.5	107	0.02
41	T	Methacrylonitrile	50.000	54.721	-9.4	110	0.02
42	TM	1,2-Dichloroethane	50.000	57.363	-14.7	106	0.00
43	T	Isopropyl Acetate	50.000	57.967	-15.9	109	0.00
44	TM	Trichloroethene	50.000	56.094	-12.2	103	0.00
45	C	1,2-Dichloropropane	50.000	54.836	-9.7#	105	0.00

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
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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	55.290	-10.6	105	0.00
47	T	Bromodichloromethane	50.000	57.961	-15.9	108	0.00
48	T	Methyl methacrylate	50.000	58.309	-16.6	107	0.00
49	T	1,4-Dioxane	1000.000	1128.953	-12.9	109	0.00
50	S	Toluene-d8	50.000	51.794	-3.6	97	0.02
51	T	4-Methyl-2-Pentanone	250.000	271.512	-8.6	107	0.00
52	CM	Toluene	50.000	54.420	-8.8#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	56.093	-12.2	110	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.639	-13.3	110	0.00
55	T	1,1,2-Trichloroethane	50.000	55.501	-11.0	106	0.00
56	T	Ethyl methacrylate	50.000	55.609	-11.2	103	0.00
57	T	1,3-Dichloropropane	50.000	56.093	-12.2	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	256.898	-2.8	92	0.02
59	T	2-Hexanone	250.000	267.773	-7.1	109	0.00
60	T	Dibromochloromethane	50.000	57.174	-14.3	108	0.00
61	T	1,2-Dibromoethane	50.000	54.147	-8.3	104	0.00
62	S	4-Bromofluorobenzene	50.000	54.075	-8.2	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.02
64	T	Tetrachloroethene	50.000	53.948	-7.9	107	0.02
65	PM	Chlorobenzene	50.000	48.510	3.0	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.677	-7.4	108	0.00
67	C	Ethyl Benzene	50.000	53.733	-7.5#	108	0.00
68	T	m/p-Xylenes	100.000	106.318	-6.3	109	0.00
69	T	o-Xylene	50.000	51.912	-3.8	105	0.00
70	T	Styrene	50.000	52.763	-5.5	109	0.00
71	P	Bromoform	50.000	56.288	-12.6	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	52.141	-4.3	114	0.00
74	T	N-amyl acetate	50.000	50.033	-0.1	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.106	-6.2	107	0.00
76	T	1,2,3-Trichloropropane	50.000	53.018	-6.0	106	0.00
77	T	Bromobenzene	50.000	53.173	-6.3	107	0.00
78	T	n-propylbenzene	50.000	52.466	-4.9	109	0.00
79	T	2-Chlorotoluene	50.000	52.681	-5.4	108	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.601	-3.2	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.237	-10.5	111	0.00
82	T	4-Chlorotoluene	50.000	52.669	-5.3	109	0.00
83	T	tert-Butylbenzene	50.000	50.395	-0.8	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.856	0.3	102	0.00
85	T	sec-Butylbenzene	50.000	51.357	-2.7	107	0.00
86	T	p-Isopropyltoluene	50.000	50.979	-2.0	106	0.00
87	T	1,3-Dichlorobenzene	50.000	52.863	-5.7	107	0.00
88	T	1,4-Dichlorobenzene	50.000	52.272	-4.5	104	0.00
89	T	n-Butylbenzene	50.000	50.899	-1.8	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	52.370	-4.7	105	0.00
91 T	1,2-Dichlorobenzene	50.000	48.217	3.6	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.474	-14.9	113	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.074	-8.1	110	0.00
94 T	Hexachlorobutadiene	50.000	56.871	-13.7	114	0.00
95 T	Naphthalene	50.000	52.659	-5.3	111	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.681	-9.4	114	0.00

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