Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD020320\
Data File : VD065057.D
Acq On : 03 Feb 2020 17:03
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Feb 03 18:27:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
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	144	0.00
2	T	Dichlorodifluoromethane	50.000	52.231	-4.5	149	0.00
3	P	Chloromethane	50.000	38.455	23.1#	114	0.00
4	C	Vinyl Chloride	50.000	36.689	26.6#	108	0.00
5	T	Bromomethane	50.000	34.466	31.1#	105	0.00
6	T	Chloroethane	50.000	35.611	28.8#	105	0.00
7	T	Trichlorofluoromethane	50.000	39.516	21.0#	116	0.00
8	T	Diethyl Ether	50.000	50.773	-1.5	149	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.885	-3.8	152	0.00
10	T	Methyl Iodide	50.000	74.838	-49.7#	201	0.00
11	T	Tert butyl alcohol	250.000	237.471	5.0	128	0.00
12	CM	1,1-Dichloroethene	50.000	52.261	-4.5#	155	0.00
13	T	Acrolein	250.000	236.526	5.4	141	0.00
14	T	Allyl chloride	50.000	51.142	-2.3	149	0.00
15	T	Acrylonitrile	250.000	296.629	-18.7	174	0.00
16	T	Acetone	250.000	217.685	12.9	142	0.00
17	T	Carbon Disulfide	50.000	47.134	5.7	139	0.00
18	T	Methyl Acetate	50.000	48.996	2.0	146	0.00
19	T	Methyl tert-butyl Ether	50.000	51.750	-3.5	148	0.00
20	T	Methylene Chloride	50.000	54.079	-8.2	151	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.059	-2.1	151	0.00
22	T	Diisopropyl ether	50.000	50.067	-0.1	144	0.00
23	T	Vinyl Acetate	250.000	236.370	5.5	133	0.00
24	P	1,1-Dichloroethane	50.000	50.103	-0.2	148	-0.01
25	T	2-Butanone	250.000	236.877	5.2	133	0.00
26	T	2,2-Dichloropropane	50.000	49.291	1.4	147	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.412	-6.8	158	0.00
28	T	Bromochloromethane	50.000	45.630	8.7	119	-0.01
29	T	Tetrahydrofuran	250.000	231.085	7.6	134	0.00
30	C	Chloroform	50.000	50.714	-1.4#	151	0.00
31	T	Cyclohexane	50.000	181.603	-263.2#	555	-0.02
32	T	1,1,1-Trichloroethane	50.000	50.220	-0.4	148	0.00
33	S	1,2-Dichloroethane-d4	50.000	42.322	15.4	118	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	144	0.00
35	S	Dibromofluoromethane	50.000	48.019	4.0	131	0.00
36	T	1,1-Dichloropropene	50.000	49.983	0.0	143	0.00
37	T	Ethyl Acetate	50.000	45.731	8.5	138	0.00
38	T	Carbon Tetrachloride	50.000	49.620	0.8	141	0.00
39	T	Methylcyclohexane	50.000	309.825	-519.6#	865	0.00
40	TM	Benzene	50.000	50.807	-1.6	146	0.00
41	T	Methacrylonitrile	50.000	59.685	-19.4	150	0.00
42	TM	1,2-Dichloroethane	50.000	46.338	7.3	134	0.00
43	T	Isopropyl Acetate	50.000	111.617	-123.2#	323	0.00
44	TM	Trichloroethene	50.000	54.964	-9.9	161	0.00
45	C	1,2-Dichloropropane	50.000	55.254	-10.5#	162	0.00

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Instrument : MSVOA_D
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Quant Time: Feb 03 18:27:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
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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	49.754	0.5	147	0.00
47	T	Bromodichloromethane	50.000	78.102	-56.2#	227	0.00
48	T	Methyl methacrylate	50.000	37.295	25.4#	104	0.00
49	T	1,4-Dioxane	1000.000	984.946	1.5	137	0.00
50	S	Toluene-d8	50.000	53.420	-6.8	143	0.00
51	T	4-Methyl-2-Pentanone	250.000	248.190	0.7	140	0.00
52	CM	Toluene	50.000	51.879	-3.8#	149	0.00
53	T	t-1,3-Dichloropropene	50.000	50.519	-1.0	143	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.054	-4.1	148	0.00
55	T	1,1,2-Trichloroethane	50.000	153.200	-206.4#	445	-0.02
56	T	Ethyl methacrylate	50.000	84.758	-69.5#	232	0.00
57	T	1,3-Dichloropropane	50.000	49.974	0.1	143	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	220.954	11.6	139	0.00
59	T	2-Hexanone	250.000	201.296	19.5	111	0.00
60	T	Dibromochloromethane	50.000	49.844	0.3	144	0.00
61	T	1,2-Dibromoethane	50.000	51.564	-3.1	150	0.00
62	S	4-Bromofluorobenzene	50.000	53.771	-7.5	147	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	136	0.00
64	T	Tetrachloroethene	50.000	59.357	-18.7	162	0.00
65	PM	Chlorobenzene	50.000	53.671	-7.3	151	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.210	-6.4	147	0.00
67	C	Ethyl Benzene	50.000	109.536	-119.1#	294	0.00
68	T	m/p-Xylenes	100.000	258.719	-158.7#	347	0.00
69	T	o-Xylene	50.000	60.449	-20.9#	162	0.00
70	T	Styrene	50.000	55.354	-10.7	146	0.00
71	P	Bromoform	50.000	50.414	-0.8	139	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	135	0.00
73	T	Isopropylbenzene	50.000	67.388	-34.8#	175	0.00
74	T	N-amyl acetate	50.000	69.859	-39.7#	184	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.062	1.9	133	0.00
76	T	1,2,3-Trichloropropane	50.000	59.095	-18.2	145	0.00
77	T	Bromobenzene	50.000	57.579	-15.2	154	0.00
78	T	n-propylbenzene	50.000	87.375	-74.8#	229	0.00
79	T	2-Chlorotoluene	50.000	68.487	-37.0#	182	0.00
80	T	1,3,5-Trimethylbenzene	50.000	86.396	-72.8#	228	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.973	0.1	133	0.00
82	T	4-Chlorotoluene	50.000	55.298	-10.6	148	0.00
83	T	tert-Butylbenzene	50.000	59.125	-18.3	154	0.00
84	T	1,2,4-Trimethylbenzene	50.000	135.050	-170.1#	356	0.00
85	T	sec-Butylbenzene	50.000	59.435	-18.9	157	0.00
86	T	p-Isopropyltoluene	50.000	58.379	-16.8	151	0.00
87	T	1,3-Dichlorobenzene	50.000	54.939	-9.9	149	0.00
88	T	1,4-Dichlorobenzene	50.000	54.302	-8.6	148	0.00
89	T	n-Butylbenzene	50.000	64.530	-29.1#	166	0.00

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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)
90 T	Hexachloroethane	50.000	60.993	-22.0#	162	0.00
91 T	1,2-Dichlorobenzene	50.000	55.651	-11.3	149	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.255	-2.5	143	0.00
93 T	1,2,4-Trichlorobenzene	50.000	61.027	-22.1#	163	0.00
94 T	Hexachlorobutadiene	50.000	60.624	-21.2#	167	0.00
95 T	Naphthalene	50.000	138.276	-176.6#	357	0.00
96 T	1,2,3-Trichlorobenzene	50.000	59.242	-18.5	157	0.00

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