Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD041520\
Data File : VD065639.D
Acq On : 15 Apr 2020 17:51
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : ICVVD041520

Quant Time: Apr 16 04:01:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 15 19:43:39 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	106	0.00
2	T	Dichlorodifluoromethane	50.000	53.154	-6.3	106	0.00
3	P	Chloromethane	50.000	49.659	0.7	105	0.00
4	C	Vinyl Chloride	50.000	49.218	1.6#	105	0.00
5	T	Bromomethane	50.000	51.989	-4.0	116	0.00
6	T	Chloroethane	50.000	49.019	2.0	105	0.00
7	T	Trichlorofluoromethane	50.000	48.942	2.1	106	0.00
8	T	Diethyl Ether	50.000	49.497	1.0	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.564	0.9	107	0.00
10	T	Methyl Iodide	50.000	37.051	25.9#	100	0.00
11	T	Tert butyl alcohol	250.000	243.739	2.5	130	0.00
12	CM	1,1-Dichloroethene	50.000	49.303	1.4#	106	0.00
13	T	Acrolein	250.000	252.299	-0.9	89	0.00
14	T	Allyl chloride	50.000	59.783	-19.6	161	0.00
15	T	Acrylonitrile	250.000	276.703	-10.7	146	0.00
16	T	Acetone	250.000	220.444	11.8	91	0.00
17	T	Carbon Disulfide	50.000	46.593	6.8	130	0.00
18	T	Methyl Acetate	50.000	55.077	-10.2	152	0.00
19	T	Methyl tert-butyl Ether	50.000	56.797	-13.6	141	0.00
20	T	Methylene Chloride	50.000	62.244	-24.5#	156	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.426	-8.9	154	0.00
22	T	Diisopropyl ether	50.000	53.898	-7.8	104	0.00
23	T	Vinyl Acetate	250.000	250.230	-0.1	101	0.00
24	P	1,1-Dichloroethane	50.000	50.728	-1.5	107	0.00
25	T	2-Butanone	250.000	248.408	0.6	93	0.00
26	T	2,2-Dichloropropane	50.000	48.078	3.8	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.495	-3.0	106	0.00
28	T	Bromochloromethane	50.000	50.720	-1.4	102	0.00
29	T	Tetrahydrofuran	250.000	263.793	-5.5	95	0.00
30	C	Chloroform	50.000	50.553	-1.1#	106	0.00
31	T	Cyclohexane	50.000	48.560	2.9	103	0.00
32	T	1,1,1-Trichloroethane	50.000	50.270	-0.5	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.436	5.1	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35	S	Dibromofluoromethane	50.000	48.749	2.5	100	0.00
36	T	1,1-Dichloropropene	50.000	51.982	-4.0	106	0.00
37	T	Ethyl Acetate	50.000	54.416	-8.8	100	0.00
38	T	Carbon Tetrachloride	50.000	51.160	-2.3	105	0.00
39	T	Methylcyclohexane	50.000	52.489	-5.0	103	0.00
40	TM	Benzene	50.000	51.959	-3.9	106	0.00
41	T	Methacrylonitrile	50.000	59.853	-19.7	135	0.00
42	TM	1,2-Dichloroethane	50.000	52.939	-5.9	103	0.00
43	T	Isopropyl Acetate	50.000	51.805	-3.6	97	0.00
44	TM	Trichloroethene	50.000	50.880	-1.8	106	0.00
45	C	1,2-Dichloropropane	50.000	52.149	-4.3#	104	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	52.947	-5.9	103	0.00
47	T	Bromodichloromethane	50.000	52.733	-5.5	104	0.00
48	T	Methyl methacrylate	50.000	47.561	4.9	90	0.00
49	T	1,4-Dioxane	1000.000	978.330	2.2	94	0.00
50	S	Toluene-d8	50.000	49.127	1.7	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	248.409	0.6	97	0.00
52	CM	Toluene	50.000	53.637	-7.3#	106	0.00
53	T	t-1,3-Dichloropropene	50.000	52.748	-5.5	99	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.054	-6.1	102	0.00
55	T	1,1,2-Trichloroethane	50.000	52.054	-4.1	100	0.00
56	T	Ethyl methacrylate	50.000	48.581	2.8	99	0.00
57	T	1,3-Dichloropropane	50.000	52.884	-5.8	102	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	239.040	4.4	97	0.00
59	T	2-Hexanone	250.000	244.430	2.2	94	0.00
60	T	Dibromochloromethane	50.000	52.817	-5.6	102	0.00
61	T	1,2-Dibromoethane	50.000	52.260	-4.5	100	0.00
62	S	4-Bromofluorobenzene	50.000	48.508	3.0	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	50.758	-1.5	104	0.00
65	PM	Chlorobenzene	50.000	52.010	-4.0	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.151	-2.3	104	0.00
67	C	Ethyl Benzene	50.000	52.984	-6.0#	105	0.00
68	T	m/p-Xylenes	100.000	108.534	-8.5	106	0.00
69	T	o-Xylene	50.000	54.266	-8.5	105	0.00
70	T	Styrene	50.000	55.891	-11.8	105	0.00
71	P	Bromoform	50.000	51.958	-3.9	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	54.092	-8.2	105	0.00
74	T	N-amyl acetate	50.000	48.281	3.4	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.171	-2.3	99	0.00
76	T	1,2,3-Trichloropropane	50.000	55.459	-10.9	99	0.00
77	T	Bromobenzene	50.000	51.844	-3.7	102	0.00
78	T	n-propylbenzene	50.000	53.516	-7.0	104	0.00
79	T	2-Chlorotoluene	50.000	53.500	-7.0	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.649	-7.3	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.243	-4.5	97	0.00
82	T	4-Chlorotoluene	50.000	52.223	-4.4	103	0.00
83	T	tert-Butylbenzene	50.000	53.540	-7.1	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.751	-9.5	104	0.00
85	T	sec-Butylbenzene	50.000	53.416	-6.8	104	0.00
86	T	p-Isopropyltoluene	50.000	53.705	-7.4	104	0.00
87	T	1,3-Dichlorobenzene	50.000	51.636	-3.3	104	0.00
88	T	1,4-Dichlorobenzene	50.000	50.953	-1.9	102	0.00
89	T	n-Butylbenzene	50.000	53.437	-6.9	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.314	-0.6	104	0.00
91 T	1,2-Dichlorobenzene	50.000	52.097	-4.2	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.383	-0.8	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.619	-5.2	101	0.00
94 T	Hexachlorobutadiene	50.000	51.220	-2.4	103	0.00
95 T	Naphthalene	50.000	47.237	5.5	95	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.621	-5.2	98	0.00

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