Evaluate Continuing Calibration Report

Data Path : \\74.0.250.170\terastorage\voasrv\HPCHEM1\MSVOA_D\Data\VD102919\
Data File : VD064089.D
Acq On : 29 Oct 2019 15:09
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : ICVVD102919

Quant Time: Oct 30 08:05:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 08:00:10 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	110	0.00
2	T	Dichlorodifluoromethane	50.000	55.453	-10.9	123	0.00
3	P	Chloromethane	50.000	47.864	4.3	108	0.00
4	C	Vinyl Chloride	50.000	49.016	2.0#	107	0.00
5	T	Bromomethane	50.000	48.562	2.9	103	0.00
6	T	Chloroethane	50.000	47.623	4.8	104	0.00
7	T	Trichlorofluoromethane	50.000	49.244	1.5	107	0.00
8	T	Diethyl Ether	50.000	48.273	3.5	111	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.887	-5.8	117	0.00
10	T	Methyl Iodide	50.000	54.941	-9.9	111	0.00
11	T	Tert butyl alcohol	250.000	233.675	6.5	105	0.00
12	CM	1,1-Dichloroethene	50.000	53.494	-7.0#	120	0.00
13	T	Acrolein	250.000	250.247	-0.1	108	-0.01
14	T	Allyl chloride	50.000	53.867	-7.7	116	0.00
15	T	Acrylonitrile	250.000	242.895	2.8	105	0.00
16	T	Acetone	250.000	293.451	-17.4	113	0.00
17	T	Carbon Disulfide	50.000	53.485	-7.0	116	0.00
18	T	Methyl Acetate	50.000	49.519	1.0	111	0.00
19	T	Methyl tert-butyl Ether	50.000	50.013	-0.0	110	0.00
20	T	Methylene Chloride	50.000	54.078	-8.2	117	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.014	-6.0	116	0.00
22	T	Diisopropyl ether	50.000	54.015	-8.0	117	0.00
23	T	Vinyl Acetate	250.000	269.593	-7.8	112	0.00
24	P	1,1-Dichloroethane	50.000	52.147	-4.3	114	0.00
25	T	2-Butanone	250.000	254.377	-1.8	107	0.00
26	T	2,2-Dichloropropane	50.000	49.651	0.7	109	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.859	-5.7	116	-0.01
28	T	Bromochloromethane	50.000	51.686	-3.4	112	0.00
29	T	Tetrahydrofuran	250.000	244.339	2.3	104	0.00
30	C	Chloroform	50.000	50.189	-0.4#	112	0.00
31	T	Cyclohexane	50.000	49.973	0.1	117	0.00
32	T	1,1,1-Trichloroethane	50.000	52.591	-5.2	117	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.239	-8.5	116	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35	S	Dibromofluoromethane	50.000	54.948	-9.9	118	0.00
36	T	1,1-Dichloropropene	50.000	50.423	-0.8	114	0.00
37	T	Ethyl Acetate	50.000	52.363	-4.7	112	0.00
38	T	Carbon Tetrachloride	50.000	52.285	-4.6	115	0.00
39	T	Methylcyclohexane	50.000	53.476	-7.0	113	0.00
40	TM	Benzene	50.000	51.952	-3.9	113	0.00
41	T	Methacrylonitrile	50.000	52.734	-5.5	115	0.00
42	TM	1,2-Dichloroethane	50.000	49.739	0.5	106	0.00
43	T	Isopropyl Acetate	50.000	49.837	0.3	109	0.00
44	TM	Trichloroethene	50.000	51.877	-3.8	112	0.00
45	C	1,2-Dichloropropane	50.000	49.974	0.1#	111	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	48.915	2.2	106	0.00
47	T	Bromodichloromethane	50.000	51.907	-3.8	111	0.00
48	T	Methyl methacrylate	50.000	53.006	-6.0	114	0.00
49	T	1,4-Dioxane	1000.000	1010.893	-1.1	101	0.00
50	S	Toluene-d8	50.000	54.377	-8.8	119	0.00
51	T	4-Methyl-2-Pentanone	250.000	246.135	1.5	104	0.00
52	CM	Toluene	50.000	52.022	-4.0#	112	0.00
53	T	t-1,3-Dichloropropene	50.000	52.846	-5.7	110	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.905	-3.8	110	0.00
55	T	1,1,2-Trichloroethane	50.000	49.613	0.8	106	0.00
56	T	Ethyl methacrylate	50.000	45.927	8.1	105	0.00
57	T	1,3-Dichloropropane	50.000	48.670	2.7	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	257.238	-2.9	113	0.00
59	T	2-Hexanone	250.000	234.979	6.0	103	0.00
60	T	Dibromochloromethane	50.000	50.188	-0.4	107	0.00
61	T	1,2-Dibromoethane	50.000	49.291	1.4	104	0.00
62	S	4-Bromofluorobenzene	50.000	56.019	-12.0	120	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	53.792	-7.6	112	0.00
65	PM	Chlorobenzene	50.000	53.064	-6.1	110	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.638	-5.3	109	0.00
67	C	Ethyl Benzene	50.000	54.154	-8.3#	112	0.00
68	T	m/p-Xylenes	100.000	107.726	-7.7	110	0.00
69	T	o-Xylene	50.000	54.006	-8.0	110	0.00
70	T	Styrene	50.000	54.963	-9.9	109	0.00
71	P	Bromoform	50.000	50.847	-1.7	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	54.331	-8.7	110	0.00
74	T	N-amyl acetate	50.000	53.060	-6.1	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.898	2.2	102	0.00
76	T	1,2,3-Trichloropropane	50.000	49.940	0.1	93	0.00
77	T	Bromobenzene	50.000	52.603	-5.2	108	0.00
78	T	n-propylbenzene	50.000	54.873	-9.7	111	0.00
79	T	2-Chlorotoluene	50.000	54.039	-8.1	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.187	-8.4	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.696	-5.4	104	0.00
82	T	4-Chlorotoluene	50.000	53.860	-7.7	109	0.00
83	T	tert-Butylbenzene	50.000	54.723	-9.4	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.271	-8.5	108	0.00
85	T	sec-Butylbenzene	50.000	56.416	-12.8	110	0.00
86	T	p-Isopropyltoluene	50.000	56.447	-12.9	109	0.00
87	T	1,3-Dichlorobenzene	50.000	53.643	-7.3	107	0.00
88	T	1,4-Dichlorobenzene	50.000	53.120	-6.2	107	0.00
89	T	n-Butylbenzene	50.000	56.271	-12.5	108	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	53.731	-7.5	109	0.00
91	T	1,2-Dichlorobenzene	50.000	52.498	-5.0	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.563	0.9	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.507	-9.0	108	0.00
94	T	Hexachlorobutadiene	50.000	55.530	-11.1	109	0.00
95	T	Naphthalene	50.000	54.856	-9.7	107	0.00
96	T	1,2,3-Trichlorobenzene	50.000	53.850	-7.7	112	0.00

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