Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD031619\
Data File : VD061123.D
Acq On : 16 Mar 2019 22:58
Operator : VA/AP
Sample : VSTDCCC050
Misc : 6.00g/5ml/MSVOA D/SOIL
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 17 00:15:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 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	77	0.00
2	T	Dichlorodifluoromethane	50.000	45.789	8.4	70	-0.01
3	P	Chloromethane	50.000	45.555	8.9	73	0.00
4	C	Vinyl Chloride	50.000	48.376	3.2#	73	-0.01
5	T	Bromomethane	50.000	67.533	-35.1#	92	-0.01
6	T	Chloroethane	50.000	59.737	-19.5	77	0.00
7	T	Trichlorofluoromethane	50.000	44.428	11.1	63	0.00
8	T	Diethyl Ether	50.000	59.490	-19.0	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.673	4.7	78	0.00
10	T	Methyl Iodide	50.000	51.449	-2.9	75	0.00
11	T	Tert butyl alcohol	250.000	272.173	-8.9	75	0.00
12	CM	1,1-Dichloroethene	50.000	47.227	5.5#	74	0.00
13	T	Acrolein	250.000	257.673	-3.1	85	-0.01
14	T	Allyl chloride	50.000	49.079	1.8	73	0.00
15	T	Acrylonitrile	250.000	295.852	-18.3	93	0.00
16	T	Acetone	250.000	228.204	8.7	68	0.00
17	T	Carbon Disulfide	50.000	44.578	10.8	68	0.00
18	T	Methyl Acetate	50.000	62.911	-25.8#	98	0.00
19	T	Methyl tert-butyl Ether	50.000	60.593	-21.2#	90	0.00
20	T	Methylene Chloride	50.000	58.005	-16.0	82	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.137	-6.3	80	0.00
22	T	Diisopropyl ether	50.000	50.815	-1.6	74	0.00
23	T	Vinyl Acetate	250.000	270.503	-8.2	81	0.00
24	P	1,1-Dichloroethane	50.000	52.104	-4.2	77	0.00
25	T	2-Butanone	250.000	274.565	-9.8	78	0.00
26	T	2,2-Dichloropropane	50.000	47.740	4.5	72	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.492	-7.0	78	0.00
28	T	Bromochloromethane	50.000	53.429	-6.9	79	0.00
29		Tetrahydrofuran	250.000	259.515	-3.8	74	0.00
30	C	Chloroform	50.000	53.486	-7.0#	85	0.00
31	T	Cyclohexane	50.000	46.269	7.5	65	0.00
32	T	1,1,1-Trichloroethane	50.000	51.274	-2.5	77	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.813	-3.6	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	48.178	3.6	80	0.00
36	T	1,1-Dichloropropene	50.000	45.276	9.4	79	0.00
37	T	Ethyl Acetate	50.000	45.053	9.9	78	0.00
38	T	Carbon Tetrachloride	50.000	50.287	-0.6	88	0.00
39	T	Methylcyclohexane	50.000	42.923	14.2	70	0.00
40	TM	Benzene	50.000	46.169	7.7	74	0.00
41	T	Methacrylonitrile	50.000	48.677	2.6	80	0.00
42	TM	1,2-Dichloroethane	50.000	53.056	-6.1	85	0.00
43	T	Isopropyl Acetate	50.000	46.359	7.3	74	0.00
44	TM	Trichloroethene	50.000	46.718	6.6	75	0.00
45	C	1,2-Dichloropropane	50.000	46.978	6.0#	77	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	50.553	-1.1	84	0.00
47	T	Bromodichloromethane	50.000	50.794	-1.6	79	0.00
48	T	Methyl methacrylate	50.000	53.138	-6.3	86	0.00
49	T	1,4-Dioxane	1000.000	1008.148	-0.8	83	0.00
50	S	Toluene-d8	50.000	44.732	10.5	76	0.00
51	T	4-Methyl-2-Pentanone	250.000	247.980	0.8	82	0.00
52	CM	Toluene	50.000	44.359	11.3#	73	0.00
53	T	t-1,3-Dichloropropene	50.000	49.889	0.2	83	0.02
54	T	cis-1,3-Dichloropropene	50.000	50.550	-1.1	87	0.00
55	T	1,1,2-Trichloroethane	50.000	50.404	-0.8	85	0.00
56	T	Ethyl methacrylate	50.000	45.748	8.5	75	0.00
57	T	1,3-Dichloropropane	50.000	51.304	-2.6	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	243.779	2.5	86	0.00
59	T	2-Hexanone	250.000	246.438	1.4	80	0.00
60	T	Dibromochloromethane	50.000	52.125	-4.3	83	0.00
61	T	1,2-Dibromoethane	50.000	50.909	-1.8	81	0.00
62	S	4-Bromofluorobenzene	50.000	44.845	10.3	80	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	54.044	-8.1	80	0.00
65	PM	Chlorobenzene	50.000	50.394	-0.8	77	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.083	-12.2	82	0.00
67	C	Ethyl Benzene	50.000	50.831	-1.7#	78	0.00
68	T	m/p-Xylenes	100.000	100.289	-0.3	76	0.00
69	T	o-Xylene	50.000	54.205	-8.4	86	0.00
70	T	Styrene	50.000	52.730	-5.5	83	0.00
71	P	Bromoform	50.000	57.812	-15.6	85	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73	T	Isopropylbenzene	50.000	50.344	-0.7	85	0.00
74	T	N-amyl acetate	50.000	49.580	0.8	79	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.877	-1.8	83	0.00
76	T	1,2,3-Trichloropropane	50.000	52.512	-5.0	83	0.00
77	T	Bromobenzene	50.000	52.548	-5.1	84	0.00
78	T	n-propylbenzene	50.000	42.986	14.0	68	0.00
79	T	2-Chlorotoluene	50.000	50.378	-0.8	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.477	-3.0	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.493	-3.0	79	0.00
82	T	4-Chlorotoluene	50.000	48.415	3.2	76	0.00
83	T	tert-Butylbenzene	50.000	55.083	-10.2	81	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.477	-3.0	79	0.00
85	T	sec-Butylbenzene	50.000	50.243	-0.5	87	0.00
86	T	p-Isopropyltoluene	50.000	49.529	0.9	77	0.00
87	T	1,3-Dichlorobenzene	50.000	53.968	-7.9	87	0.00
88	T	1,4-Dichlorobenzene	50.000	48.966	2.1	81	0.00
89	T	n-Butylbenzene	50.000	46.299	7.4	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.252	-6.5	83	0.00
91 T	1,2-Dichlorobenzene	50.000	53.159	-6.3	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.359	-10.7	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.156	-6.3	81	0.00
94 T	Hexachlorobutadiene	50.000	51.894	-3.8	87	0.00
95 T	Naphthalene	50.000	54.974	-9.9	93	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.918	-1.8	92	0.00

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