Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD082319\
Data File : VD063778.D
Acq On : 23 Aug 2019 20:38
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 26 11:14:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 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	81	-0.03
2	T	Dichlorodifluoromethane	50.000	45.721	8.6	75	-0.02
3	P	Chloromethane	50.000	47.823	4.4	82	0.00
4	C	Vinyl Chloride	50.000	45.411	9.2#	72	-0.02
5	T	Bromomethane	50.000	47.998	4.0	72	-0.02
6	T	Chloroethane	50.000	58.956	-17.9	92	-0.02
7	T	Trichlorofluoromethane	50.000	55.884	-11.8	87	-0.02
8	T	Diethyl Ether	50.000	67.770	-35.5#	109	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.148	-2.3	82	-0.02
10	T	Methyl Iodide	50.000	47.434	5.1	73	-0.03
11	T	Tert butyl alcohol	250.000	288.993	-15.6	91	-0.02
12	CM	1,1-Dichloroethene	50.000	49.383	1.2#	75	-0.03
13	T	Acrolein	250.000	278.135	-11.3	98	-0.03
14	T	Allyl chloride	50.000	50.785	-1.6	82	-0.03
15	T	Acrylonitrile	250.000	300.689	-20.3#	94	-0.02
16	T	Acetone	250.000	261.226	-4.5	75	-0.02
17	T	Carbon Disulfide	50.000	41.997	16.0	68	-0.02
18	T	Methyl Acetate	50.000	60.966	-21.9#	107	-0.02
19	T	Methyl tert-butyl Ether	50.000	65.248	-30.5#	103	-0.02
20	T	Methylene Chloride	50.000	52.510	-5.0	90	-0.03
21	T	trans-1,2-Dichloroethene	50.000	54.392	-8.8	83	-0.03
22	T	Diisopropyl ether	50.000	57.666	-15.3	92	-0.02
23	T	Vinyl Acetate	250.000	300.305	-20.1#	96	-0.03
24	P	1,1-Dichloroethane	50.000	57.228	-14.5	92	-0.03
25	T	2-Butanone	250.000	292.844	-17.1	92	-0.03
26	T	2,2-Dichloropropane	50.000	54.894	-9.8	88	-0.03
27	T	cis-1,2-Dichloroethene	50.000	57.368	-14.7	90	-0.03
28	T	Bromochloromethane	50.000	57.931	-15.9	90	-0.03
29		Tetrahydrofuran	250.000	282.591	-13.0	89	-0.02
30	C	Chloroform	50.000	55.410	-10.8#	90	-0.03
31	T	Cyclohexane	50.000	47.808	4.4	73	-0.02
32	T	1,1,1-Trichloroethane	50.000	57.037	-14.1	90	-0.03
33	S	1,2-Dichloroethane-d4	50.000	59.932	-19.9	84	-0.03
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	-0.03
35	S	Dibromofluoromethane	50.000	54.823	-9.6	80	-0.02
36	T	1,1-Dichloropropene	50.000	52.684	-5.4	86	-0.03
37	T	Ethyl Acetate	50.000	57.285	-14.6	95	-0.03
38	T	Carbon Tetrachloride	50.000	55.023	-10.0	84	-0.02
39	T	Methylcyclohexane	50.000	48.133	3.7	75	-0.02
40	TM	Benzene	50.000	50.537	-1.1	82	-0.03
41	T	Methacrylonitrile	50.000	57.624	-15.2	94	-0.03
42	TM	1,2-Dichloroethane	50.000	54.740	-9.5	89	-0.03
43	T	Isopropyl Acetate	50.000	62.368	-24.7#	103	-0.03
44	TM	Trichloroethene	50.000	52.033	-4.1	90	-0.02
45	C	1,2-Dichloropropane	50.000	55.094	-10.2#	93	-0.02

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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	58.386	-16.8	94	-0.02
47	T	Bromodichloromethane	50.000	61.584	-23.2#	104	-0.02
48	T	Methyl methacrylate	50.000	57.511	-15.0	95	-0.02
49	T	1,4-Dioxane	1000.000	1067.143	-6.7	90	-0.03
50	S	Toluene-d8	50.000	53.841	-7.7	77	-0.02
51	T	4-Methyl-2-Pentanone	250.000	306.470	-22.6#	106	-0.02
52	CM	Toluene	50.000	53.081	-6.2#	92	-0.03
53	T	t-1,3-Dichloropropene	50.000	61.379	-22.8#	100	-0.02
54	T	cis-1,3-Dichloropropene	50.000	56.750	-13.5	92	-0.02
55	T	1,1,2-Trichloroethane	50.000	56.607	-13.2	96	-0.02
56	T	Ethyl methacrylate	50.000	59.042	-18.1	95	-0.02
57	T	1,3-Dichloropropane	50.000	60.157	-20.3#	100	-0.02
58	T	2-Chloroethyl Vinyl ether	250.000	330.843	-32.3#	99	-0.02
59	T	2-Hexanone	250.000	297.405	-19.0	92	-0.02
60	T	Dibromochloromethane	50.000	63.878	-27.8#	105	-0.02
61	T	1,2-Dibromoethane	50.000	57.960	-15.9	98	-0.02
62	S	4-Bromofluorobenzene	50.000	51.388	-2.8	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	-0.02
64	T	Tetrachloroethene	50.000	54.864	-9.7	91	-0.03
65	PM	Chlorobenzene	50.000	54.325	-8.7	91	-0.02
66	T	1,1,1,2-Tetrachloroethane	50.000	58.015	-16.0	96	-0.02
67	C	Ethyl Benzene	50.000	55.280	-10.6#	91	-0.02
68	T	m/p-Xylenes	100.000	106.656	-6.7	90	-0.02
69	T	o-Xylene	50.000	49.407	1.2	82	-0.02
70	T	Styrene	50.000	50.478	-1.0	86	0.00
71	P	Bromoform	50.000	64.173	-28.3#	104	-0.02
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	49.695	0.6	82	-0.02
74	T	N-amyl acetate	50.000	56.252	-12.5	94	-0.02
75	P	1,1,2,2-Tetrachloroethane	50.000	57.853	-15.7	97	-0.02
76	T	1,2,3-Trichloropropane	50.000	60.741	-21.5#	102	0.00
77	T	Bromobenzene	50.000	53.600	-7.2	93	-0.02
78	T	n-propylbenzene	50.000	48.866	2.3	85	-0.02
79	T	2-Chlorotoluene	50.000	53.962	-7.9	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.944	2.1	83	-0.02
81	T	trans-1,4-Dichloro-2-butene	50.000	56.109	-12.2	94	-0.02
82	T	4-Chlorotoluene	50.000	52.250	-4.5	90	0.00
83	T	tert-Butylbenzene	50.000	54.349	-8.7	93	-0.02
84	T	1,2,4-Trimethylbenzene	50.000	50.493	-1.0	84	-0.02
85	T	sec-Butylbenzene	50.000	50.637	-1.3	91	-0.02
86	T	p-Isopropyltoluene	50.000	52.440	-4.9	87	0.00
87	T	1,3-Dichlorobenzene	50.000	52.073	-4.1	90	-0.02
88	T	1,4-Dichlorobenzene	50.000	55.083	-10.2	95	0.00
89	T	n-Butylbenzene	50.000	53.693	-7.4	95	-0.02

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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90	T	Hexachloroethane	50.000	48.322	3.4	83	-0.02
91	T	1,2-Dichlorobenzene	50.000	55.962	-11.9	98	-0.02
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.275	-18.5	104	-0.02
93	T	1,2,4-Trichlorobenzene	50.000	58.443	-16.9	95	-0.02
94	T	Hexachlorobutadiene	50.000	57.385	-14.8	96	0.00
95	T	Naphthalene	50.000	50.112	-0.2	86	0.00
96	T	1,2,3-Trichlorobenzene	50.000	59.129	-18.3	103	0.00

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