Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD073119\
Data File : VD063283.D
Acq On : 31 Jul 2019 17:09
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 01 04:04:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 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	89	0.00
2	T	Dichlorodifluoromethane	50.000	41.304	17.4	81	0.00
3	P	Chloromethane	50.000	41.973	16.1	83	0.00
4	C	Vinyl Chloride	50.000	39.334	21.3#	73	0.00
5	T	Bromomethane	50.000	45.458	9.1	81	0.00
6	T	Chloroethane	50.000	48.799	2.4	90	0.00
7	T	Trichlorofluoromethane	50.000	47.343	5.3	86	0.00
8	T	Diethyl Ether	50.000	37.443	25.1#	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.926	8.1	92	0.00
10	T	Methyl Iodide	50.000	44.057	11.9	75	0.00
11	T	Tert butyl alcohol	250.000	194.692	22.1#	80	0.01
12	CM	1,1-Dichloroethene	50.000	43.590	12.8#	84	0.00
13	T	Acrolein	250.000	181.720	27.3#	74	0.00
14	T	Allyl chloride	50.000	44.469	11.1	80	0.00
15	T	Acrylonitrile	250.000	202.870	18.9	80	0.00
16	T	Acetone	250.000	216.546	13.4	79	0.00
17	T	Carbon Disulfide	50.000	43.098	13.8	79	0.00
18	T	Methyl Acetate	50.000	39.066	21.9#	80	0.00
19	T	Methyl tert-butyl Ether	50.000	43.511	13.0	82	0.00
20	T	Methylene Chloride	50.000	40.515	19.0	77	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.227	11.5	84	0.00
22	T	Diisopropyl ether	50.000	43.666	12.7	81	0.00
23	T	Vinyl Acetate	250.000	220.253	11.9	80	0.00
24	P	1,1-Dichloroethane	50.000	44.021	12.0	81	0.00
25	T	2-Butanone	250.000	216.417	13.4	78	0.00
26	T	2,2-Dichloropropane	50.000	45.600	8.8	81	0.00
27	T	cis-1,2-Dichloroethene	50.000	43.963	12.1	78	0.00
28	T	Bromochloromethane	50.000	50.968	-1.9	93	0.00
29		Tetrahydrofuran	250.000	203.740	18.5	77	0.00
30	C	Chloroform	50.000	46.290	7.4#	86	0.00
31	T	Cyclohexane	50.000	43.829	12.3	83	0.00
32	T	1,1,1-Trichloroethane	50.000	46.815	6.4	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.049	-0.1	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35	S	Dibromofluoromethane	50.000	49.734	0.5	88	0.00
36	T	1,1-Dichloropropene	50.000	47.010	6.0	82	0.00
37	T	Ethyl Acetate	50.000	38.023	24.0#	78	0.00
38	T	Carbon Tetrachloride	50.000	51.367	-2.7	87	0.00
39	T	Methylcyclohexane	50.000	43.038	13.9	77	0.00
40	TM	Benzene	50.000	46.576	6.8	81	0.00
41	T	Methacrylonitrile	50.000	43.634	12.7	80	0.00
42	TM	1,2-Dichloroethane	50.000	48.140	3.7	87	0.00
43	T	Isopropyl Acetate	50.000	44.700	10.6	83	0.00
44	TM	Trichloroethene	50.000	46.312	7.4	84	0.00
45	C	1,2-Dichloropropane	50.000	44.104	11.8#	80	0.00

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Instrument : MSVOA_D
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Quant Time: Aug 01 04:04:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
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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	45.759	8.5	83	0.00
47	T	Bromodichloromethane	50.000	48.946	2.1	88	0.00
48	T	Methyl methacrylate	50.000	45.168	9.7	79	0.00
49	T	1,4-Dioxane	1000.000	928.413	7.2	84	0.00
50	S	Toluene-d8	50.000	50.415	-0.8	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	217.149	13.1	79	0.00
52	CM	Toluene	50.000	46.669	6.7#	88	0.00
53	T	t-1,3-Dichloropropene	50.000	46.041	7.9	81	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.024	10.0	79	0.00
55	T	1,1,2-Trichloroethane	50.000	47.451	5.1	88	0.00
56	T	Ethyl methacrylate	50.000	47.040	5.9	83	0.00
57	T	1,3-Dichloropropane	50.000	45.778	8.4	81	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	219.326	12.3	79	0.00
59	T	2-Hexanone	250.000	222.831	10.9	85	0.00
60	T	Dibromochloromethane	50.000	48.026	3.9	84	0.00
61	T	1,2-Dibromoethane	50.000	44.519	11.0	82	0.00
62	S	4-Bromofluorobenzene	50.000	48.142	3.7	87	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64	T	Tetrachloroethene	50.000	46.669	6.7	91	0.00
65	PM	Chlorobenzene	50.000	43.861	12.3	79	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.971	6.1	87	0.00
67	C	Ethyl Benzene	50.000	46.652	6.7#	87	0.00
68	T	m/p-Xylenes	100.000	84.891	15.1	80	0.00
69	T	o-Xylene	50.000	45.958	8.1	90	0.00
70	T	Styrene	50.000	46.579	6.8	85	0.00
71	P	Bromoform	50.000	48.378	3.2	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	44.614	10.8	92	0.00
74	T	N-amyl acetate	50.000	40.324	19.4	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	42.260	15.5	88	0.00
76	T	1,2,3-Trichloropropane	50.000	40.780	18.4	82	0.00
77	T	Bromobenzene	50.000	42.698	14.6	91	0.00
78	T	n-propylbenzene	50.000	39.441	21.1#	80	0.00
79	T	2-Chlorotoluene	50.000	41.521	17.0	88	0.00
80	T	1,3,5-Trimethylbenzene	50.000	42.965	14.1	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	36.204	27.6#	73	0.00
82	T	4-Chlorotoluene	50.000	43.590	12.8	96	0.00
83	T	tert-Butylbenzene	50.000	42.979	14.0	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	42.661	14.7	88	0.00
85	T	sec-Butylbenzene	50.000	42.360	15.3	91	0.00
86	T	p-Isopropyltoluene	50.000	38.575	22.8#	84	0.00
87	T	1,3-Dichlorobenzene	50.000	42.987	14.0	93	0.00
88	T	1,4-Dichlorobenzene	50.000	39.316	21.4#	83	0.00
89	T	n-Butylbenzene	50.000	44.757	10.5	92	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	41.710	16.6	91	0.00
91 T	1,2-Dichlorobenzene	50.000	41.209	17.6	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.469	17.1	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	40.289	19.4	87	0.00
94 T	Hexachlorobutadiene	50.000	42.181	15.6	88	0.00
95 T	Naphthalene	50.000	36.066	27.9#	77	0.00
96 T	1,2,3-Trichlorobenzene	50.000	38.045	23.9#	83	0.00

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