Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD122818\
Data File : VD060743.D
Acq On : 28 Dec 2018 12:20
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Dec 29 03:25:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
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	99	0.02
2	T	Dichlorodifluoromethane	50.000	44.846	10.3	78	0.02
3	P	Chloromethane	50.000	42.370	15.3	83	0.02
4	C	Vinyl Chloride	50.000	44.272	11.5#	83	0.00
5	T	Bromomethane	50.000	61.447	-22.9#	98	0.02
6	T	Chloroethane	50.000	53.849	-7.7	91	0.02
7	T	Trichlorofluoromethane	50.000	48.178	3.6	88	0.02
8	T	Diethyl Ether	50.000	48.070	3.9	89	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.366	5.3	90	0.02
10	T	Methyl Iodide	50.000	50.885	-1.8	89	0.02
11	T	Tert butyl alcohol	250.000	238.568	4.6	88	0.02
12	CM	1,1-Dichloroethene	50.000	47.973	4.1#	93	0.02
13	T	Acrolein	250.000	184.991	26.0#	80	0.02
14	T	Allyl chloride	50.000	50.449	-0.9	95	0.02
15	T	Acrylonitrile	250.000	232.637	6.9	87	0.02
16	T	Acetone	250.000	240.321	3.9	90	0.00
17	T	Carbon Disulfide	50.000	45.634	8.7	84	0.02
18	T	Methyl Acetate	50.000	53.177	-6.4	98	0.02
19	T	Methyl tert-butyl Ether	50.000	48.362	3.3	88	0.02
20	T	Methylene Chloride	50.000	40.088	19.8	86	0.02
21	T	trans-1,2-Dichloroethene	50.000	45.763	8.5	86	0.03
22	T	Diisopropyl ether	50.000	47.519	5.0	89	0.02
23	T	Vinyl Acetate	250.000	233.403	6.6	86	0.02
24	P	1,1-Dichloroethane	50.000	48.347	3.3	91	0.02
25	T	2-Butanone	250.000	235.336	5.9	85	0.02
26	T	2,2-Dichloropropane	50.000	48.456	3.1	90	0.02
27	T	cis-1,2-Dichloroethene	50.000	47.275	5.5	88	0.02
28	T	Bromochloromethane	50.000	41.560	16.9	80	0.02
29		Tetrahydrofuran	250.000	226.808	9.3	85	0.02
30	C	Chloroform	50.000	48.040	3.9#	90	0.02
31	T	Cyclohexane	50.000	42.889	14.2	81	0.02
32	T	1,1,1-Trichloroethane	50.000	46.394	7.2	87	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.295	-4.6	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.02
35	S	Dibromofluoromethane	50.000	51.418	-2.8	104	0.00
36	T	1,1-Dichloropropene	50.000	45.656	8.7	88	0.02
37	T	Ethyl Acetate	50.000	43.178	13.6	82	0.02
38	T	Carbon Tetrachloride	50.000	46.023	8.0	87	0.03
39	T	Methylcyclohexane	50.000	44.217	11.6	83	0.00
40	TM	Benzene	50.000	47.104	5.8	90	0.00
41	T	Methacrylonitrile	50.000	38.773	22.5#	70	0.02
42	TM	1,2-Dichloroethane	50.000	47.897	4.2	91	0.00
43	T	Isopropyl Acetate	50.000	45.143	9.7	83	0.00
44	TM	Trichloroethene	50.000	48.301	3.4	92	0.00
45	C	1,2-Dichloropropane	50.000	46.984	6.0#	91	0.02

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.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	47.244	5.5	90	0.00
47	T	Bromodichloromethane	50.000	49.255	1.5	92	0.00
48	T	Methyl methacrylate	50.000	46.206	7.6	85	0.00
49	T	1,4-Dioxane	1000.000	916.472	8.4	84	0.00
50	S	Toluene-d8	50.000	50.719	-1.4	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	230.700	7.7	85	0.00
52	CM	Toluene	50.000	47.046	5.9#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	49.852	0.3	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.573	2.9	89	0.00
55	T	1,1,2-Trichloroethane	50.000	46.034	7.9	88	0.02
56	T	Ethyl methacrylate	50.000	47.646	4.7	83	0.00
57	T	1,3-Dichloropropane	50.000	47.213	5.6	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	228.245	8.7	89	0.00
59	T	2-Hexanone	250.000	241.947	3.2	88	0.00
60	T	Dibromochloromethane	50.000	49.016	2.0	88	0.00
61	T	1,2-Dibromoethane	50.000	47.263	5.5	88	0.00
62	S	4-Bromofluorobenzene	50.000	52.571	-5.1	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	44.988	10.0	89	0.00
65	PM	Chlorobenzene	50.000	44.819	10.4	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.332	5.3	92	0.00
67	C	Ethyl Benzene	50.000	44.778	10.4#	88	0.00
68	T	m/p-Xylenes	100.000	90.857	9.1	90	0.00
69	T	o-Xylene	50.000	45.242	9.5	88	0.00
70	T	Styrene	50.000	46.259	7.5	90	0.00
71	P	Bromoform	50.000	47.710	4.6	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	44.235	11.5	88	0.00
74	T	N-amyl acetate	50.000	45.878	8.2	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.546	6.9	91	0.00
76	T	1,2,3-Trichloropropane	50.000	45.881	8.2	91	0.00
77	T	Bromobenzene	50.000	46.814	6.4	92	0.00
78	T	n-propylbenzene	50.000	44.360	11.3	89	0.00
79	T	2-Chlorotoluene	50.000	45.748	8.5	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.232	9.5	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.777	6.4	88	0.00
82	T	4-Chlorotoluene	50.000	44.737	10.5	91	0.00
83	T	tert-Butylbenzene	50.000	45.582	8.8	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.229	9.5	90	0.00
85	T	sec-Butylbenzene	50.000	45.050	9.9	88	0.00
86	T	p-Isopropyltoluene	50.000	43.586	12.8	88	0.00
87	T	1,3-Dichlorobenzene	50.000	45.403	9.2	90	0.00
88	T	1,4-Dichlorobenzene	50.000	44.097	11.8	88	0.00
89	T	n-Butylbenzene	50.000	45.207	9.6	91	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	47.736	4.5	93	0.00
91 T	1,2-Dichlorobenzene	50.000	46.494	7.0	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.128	5.7	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.750	4.5	92	0.00
94 T	Hexachlorobutadiene	50.000	45.343	9.3	90	0.00
95 T	Naphthalene	50.000	45.205	9.6	85	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.194	7.6	89	0.00

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