Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042419\
Data File : VF062286.D
Acq On : 24 Apr 2019 17:42
Operator : FY/SY
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : ICVVF042419

Quant Time: Apr 25 08:53:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 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	97	-0.01
2	T	Dichlorodifluoromethane	50.000	50.892	-1.8	111	0.00
3	P	Chloromethane	50.000	51.828	-3.7	114	0.00
4	C	Vinyl Chloride	50.000	51.332	-2.7#	113	0.00
5	T	Bromomethane	50.000	52.489	-5.0	109	0.00
6	T	Chloroethane	50.000	55.342	-10.7	111	-0.01
7	T	Trichlorofluoromethane	50.000	53.636	-7.3	113	0.00
8	T	Diethyl Ether	50.000	52.126	-4.3	122	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.599	-7.2	117	0.00
10	T	Methyl Iodide	50.000	51.981	-4.0	112	-0.01
11	T	Tert butyl alcohol	250.000	261.066	-4.4	110	0.00
12	CM	1,1-Dichloroethene	50.000	53.199	-6.4#	110	0.00
13	T	Acrolein	250.000	252.000	-0.8	95	0.00
14	T	Allyl chloride	50.000	47.794	4.4	107	0.00
15	T	Acrylonitrile	250.000	245.976	1.6	97	0.00
16	T	Acetone	250.000	299.674	-19.9	126	0.00
17	T	Carbon Disulfide	50.000	51.502	-3.0	112	0.00
18	T	Methyl Acetate	50.000	56.432	-12.9	121	0.00
19	T	Methyl tert-butyl Ether	50.000	54.241	-8.5	109	0.00
20	T	Methylene Chloride	50.000	52.361	-4.7	109	-0.01
21	T	trans-1,2-Dichloroethene	50.000	50.721	-1.4	111	0.00
22	T	Diisopropyl ether	50.000	52.464	-4.9	116	-0.01
23	T	Vinyl Acetate	250.000	273.613	-9.4	115	0.00
24	P	1,1-Dichloroethane	50.000	51.876	-3.8	113	0.00
25	T	2-Butanone	250.000	272.202	-8.9	119	0.00
26	T	2,2-Dichloropropane	50.000	50.691	-1.4	107	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.327	-6.7	114	0.00
28	T	Bromochloromethane	50.000	49.346	1.3	98	0.00
29	T	Tetrahydrofuran	250.000	253.584	-1.4	108	0.00
30	C	Chloroform	50.000	54.618	-9.2#	115	0.00
31	T	Cyclohexane	50.000	53.288	-6.6	112	0.00
32	T	1,1,1-Trichloroethane	50.000	41.903	16.2	88	-0.01
33	S	1,2-Dichloroethane-d4	50.000	52.105	-4.2	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	-0.01
35	S	Dibromofluoromethane	50.000	49.810	0.4	95	0.00
36	T	1,1-Dichloropropene	50.000	52.675	-5.3	109	-0.01
37	T	Ethyl Acetate	50.000	52.112	-4.2	113	0.00
38	T	Carbon Tetrachloride	50.000	48.064	3.9	109	0.00
39	T	Methylcyclohexane	50.000	51.492	-3.0	106	-0.01
40	TM	Benzene	50.000	54.817	-9.6	118	0.00
41	T	Methacrylonitrile	50.000	55.636	-11.3	113	0.00
42	TM	1,2-Dichloroethane	50.000	56.604	-13.2	118	0.00
43	T	Isopropyl Acetate	50.000	51.830	-3.7	115	0.00
44	TM	Trichloroethene	50.000	50.242	-0.5	108	0.00
45	C	1,2-Dichloropropane	50.000	53.825	-7.7#	118	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	54.295	-8.6	114	0.00
47	T	Bromodichloromethane	50.000	54.609	-9.2	117	-0.01
48	T	Methyl methacrylate	50.000	52.208	-4.4	118	0.00
49	T	1,4-Dioxane	1000.000	1053.175	-5.3	117	0.00
50	S	Toluene-d8	50.000	49.705	0.6	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.858	-2.7	115	0.00
52	CM	Toluene	50.000	49.920	0.2#	109	0.00
53	T	t-1,3-Dichloropropene	50.000	52.858	-5.7	115	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.555	-3.1	110	0.00
55	T	1,1,2-Trichloroethane	50.000	53.201	-6.4	115	0.00
56	T	Ethyl methacrylate	50.000	52.457	-4.9	116	0.00
57	T	1,3-Dichloropropane	50.000	50.181	-0.4	111	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	239.560	4.2	96	0.00
59	T	2-Hexanone	250.000	278.185	-11.3	119	0.00
60	T	Dibromochloromethane	50.000	53.035	-6.1	112	0.00
61	T	1,2-Dibromoethane	50.000	53.210	-6.4	113	0.00
62	S	4-Bromofluorobenzene	50.000	47.843	4.3	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	52.424	-4.8	111	0.00
65	PM	Chlorobenzene	50.000	53.751	-7.5	116	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.996	-4.0	109	0.00
67	C	Ethyl Benzene	50.000	51.399	-2.8#	112	0.00
68	T	m/p-Xylenes	100.000	103.689	-3.7	113	0.00
69	T	o-Xylene	50.000	51.930	-3.9	110	0.00
70	T	Styrene	50.000	48.576	2.8	106	0.00
71	P	Bromoform	50.000	50.462	-0.9	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	52.766	-5.5	107	0.00
74	T	N-amyl acetate	50.000	47.203	5.6	111	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.385	-8.8	108	0.00
76	T	1,2,3-Trichloropropane	50.000	51.785	-3.6	108	0.00
77	T	Bromobenzene	50.000	52.103	-4.2	108	0.00
78	T	n-propylbenzene	50.000	49.752	0.5	105	0.00
79	T	2-Chlorotoluene	50.000	53.104	-6.2	111	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.528	-3.1	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.742	-5.5	126	0.00
82	T	4-Chlorotoluene	50.000	50.222	-0.4	104	0.00
83	T	tert-Butylbenzene	50.000	53.941	-7.9	113	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.802	-1.6	110	0.00
85	T	sec-Butylbenzene	50.000	54.160	-8.3	112	0.00
86	T	p-Isopropyltoluene	50.000	52.335	-4.7	112	0.00
87	T	1,3-Dichlorobenzene	50.000	50.579	-1.2	113	0.00
88	T	1,4-Dichlorobenzene	50.000	51.814	-3.6	111	0.00
89	T	n-Butylbenzene	50.000	51.644	-3.3	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.680	-11.4	113	0.00
91 T	1,2-Dichlorobenzene	50.000	51.842	-3.7	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.843	-11.7	114	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.965	-3.9	110	0.00
94 T	Hexachlorobutadiene	50.000	54.304	-8.6	112	0.00
95 T	Naphthalene	50.000	54.753	-9.5	112	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.090	-8.2	113	0.00

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