Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072318\
Data File : VF059617.D
Acq On : 23 Jul 2018 16:26
Operator : VA/AP
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 88 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : ICVVF072318

Quant Time: Jul 24 07:32:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072318S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 24 04:17:55 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	127	0.00
2	T	Dichlorodifluoromethane	50.000	43.851	12.3	116	0.00
3	P	Chloromethane	50.000	47.192	5.6	138	0.00
4	C	Vinyl Chloride	50.000	50.307	-0.6#	135	0.00
5	T	Bromomethane	50.000	44.946	10.1	121	0.00
6	T	Chloroethane	50.000	45.812	8.4	123	0.00
7	T	Trichlorofluoromethane	50.000	42.999	14.0	106	-0.05
8	T	Diethyl Ether	50.000	50.499	-1.0	125	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	41.938	16.1	115	0.00
10	T	Methyl Iodide	50.000	46.398	7.2	124	0.00
11	T	Tert butyl alcohol	250.000	247.352	1.1	134	0.00
12	CM	1,1-Dichloroethene	50.000	44.960	10.1#	122	0.00
13	T	Acrolein	250.000	309.770	-23.9	133	0.00
14	T	Allyl chloride	50.000	45.201	9.6	124	0.00
15	T	Acrylonitrile	250.000	247.555	1.0	131	0.00
16	T	Acetone	250.000	255.334	-2.1	137	0.00
17	T	Carbon Disulfide	50.000	44.431	11.1	126	0.00
18	T	Methyl Acetate	50.000	54.536	-9.1	130	0.00
19	T	Methyl tert-butyl Ether	50.000	47.334	5.3	130	0.00
20	T	Methylene Chloride	50.000	51.833	-3.7	131	-0.01
21	T	trans-1,2-Dichloroethene	50.000	44.780	10.4	125	0.00
22	T	Diisopropyl ether	50.000	50.138	-0.3	130	0.00
23	T	Vinyl Acetate	250.000	256.084	-2.4	129	0.00
24	P	1,1-Dichloroethane	50.000	46.321	7.4	125	0.00
25	T	2-Butanone	250.000	258.861	-3.5	136	0.00
26	T	2,2-Dichloropropane	50.000	44.791	10.4	116	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.009	4.0	125	0.00
28	T	Bromochloromethane	50.000	47.124	5.8	125	0.00
29		Tetrahydrofuran	250.000	253.455	-1.4	136	0.00
30	C	Chloroform	50.000	46.063	7.9#	121	-0.01
31	T	Cyclohexane	50.000	49.023	2.0	133	0.00
32	T	1,1,1-Trichloroethane	50.000	43.545	12.9	116	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.995	6.0	114	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	132	0.00
35	S	Dibromofluoromethane	50.000	50.463	-0.9	127	0.00
36	T	1,1-Dichloropropene	50.000	46.448	7.1	129	-0.01
37	T	Ethyl Acetate	50.000	54.239	-8.5	140	-0.01
38	T	Carbon Tetrachloride	50.000	41.783	16.4	113	0.00
39	T	Methylcyclohexane	50.000	46.207	7.6	129	0.00
40	TM	Benzene	50.000	47.053	5.9	132	-0.01
41	T	Methacrylonitrile	50.000	49.201	1.6	104	0.00
42	TM	1,2-Dichloroethane	50.000	42.483	15.0	115	-0.01
43	T	Isopropyl Acetate	50.000	51.455	-2.9	129	0.00
44	TM	Trichloroethene	50.000	45.154	9.7	121	0.00
45	C	1,2-Dichloropropane	50.000	44.470	11.1#	119	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	56.331	-12.7	139	0.00
47	T	Bromodichloromethane	50.000	44.161	11.7	112	0.00
48	T	Methyl methacrylate	50.000	47.545	4.9	126	0.00
49	T	1,4-Dioxane	1000.000	1126.104	-12.6	148	0.00
50	S	Toluene-d8	50.000	52.239	-4.5	132	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.367	-3.3	140	-0.01
52	CM	Toluene	50.000	44.655	10.7#	126	0.00
53	T	t-1,3-Dichloropropene	50.000	44.309	11.4	115	-0.01
54	T	cis-1,3-Dichloropropene	50.000	48.203	3.6	123	0.00
55	T	1,1,2-Trichloroethane	50.000	45.766	8.5	119	0.00
56	T	Ethyl methacrylate	50.000	51.514	-3.0	132	0.00
57	T	1,3-Dichloropropane	50.000	46.123	7.8	123	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	219.297	12.3	119	-0.01
59	T	2-Hexanone	250.000	280.748	-12.3	145	0.00
60	T	Dibromochloromethane	50.000	45.975	8.0	115	0.00
61	T	1,2-Dibromoethane	50.000	49.160	1.7	122	-0.01
62	S	4-Bromofluorobenzene	50.000	44.875	10.3	117	-0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	122	0.00
64	T	Tetrachloroethene	50.000	45.229	9.5	120	0.00
65	PM	Chlorobenzene	50.000	46.805	6.4	117	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.773	8.5	113	0.00
67	C	Ethyl Benzene	50.000	47.371	5.3#	125	0.00
68	T	m/p-Xylenes	100.000	96.227	3.8	126	-0.01
69	T	o-Xylene	50.000	48.474	3.1	121	0.00
70	T	Styrene	50.000	49.584	0.8	123	0.00
71	P	Bromoform	50.000	47.282	5.4	115	-0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	118	0.00
73	T	Isopropylbenzene	50.000	46.646	6.7	118	0.00
74	T	N-amyl acetate	50.000	56.179	-12.4	132	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.725	2.5	117	0.00
76	T	1,2,3-Trichloropropane	50.000	46.301	7.4	121	0.00
77	T	Bromobenzene	50.000	44.747	10.5	113	0.00
78	T	n-propylbenzene	50.000	44.717	10.6	116	0.00
79	T	2-Chlorotoluene	50.000	63.336	-26.7#	163	0.00
80	T	1,3,5-Trimethylbenzene	50.000	44.290	11.4	114	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.121	-2.2	122	0.00
82	T	4-Chlorotoluene	50.000	44.192	11.6	117	0.00
83	T	tert-Butylbenzene	50.000	44.631	10.7	115	0.00
84	T	1,2,4-Trimethylbenzene	50.000	43.473	13.1	110	0.00
85	T	sec-Butylbenzene	50.000	44.565	10.9	115	0.00
86	T	p-Isopropyltoluene	50.000	44.819	10.4	113	0.00
87	T	1,3-Dichlorobenzene	50.000	43.745	12.5	115	0.00
88	T	1,4-Dichlorobenzene	50.000	46.487	7.0	114	0.00
89	T	n-Butylbenzene	50.000	45.130	9.7	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	42.864	14.3	108	0.00
91 T	1,2-Dichlorobenzene	50.000	44.174	11.7	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.942	4.1	119	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.966	8.1	114	0.00
94 T	Hexachlorobutadiene	50.000	42.701	14.6	107	0.00
95 T	Naphthalene	50.000	53.360	-6.7	126	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.080	5.8	114	0.00

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