Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD081518\
Data File : VD059787.D
Acq On : 15 Aug 2018 2:44
Operator : VA/AP
Sample : VSTDICV050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : ICVVD081518

Quant Time: Aug 15 17:43:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 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	111	0.00
2	T	Dichlorodifluoromethane	50.000	50.078	-0.2	110	0.00
3	P	Chloromethane	50.000	56.066	-12.1	120	0.00
4	C	Vinyl Chloride	50.000	56.251	-12.5#	120	0.00
5	T	Bromomethane	50.000	65.361	-30.7#	113	0.00
6	T	Chloroethane	50.000	58.316	-16.6	108	0.00
7	T	Trichlorofluoromethane	50.000	50.653	-1.3	106	0.00
8	T	Diethyl Ether	50.000	55.845	-11.7	118	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.445	-4.9	115	0.00
10	T	Methyl Iodide	50.000	48.207	3.6	103	0.00
11	T	Tert butyl alcohol	250.000	293.287	-17.3	117	0.00
12	CM	1,1-Dichloroethene	50.000	54.756	-9.5#	117	0.00
13	T	Acrolein	250.000	255.678	-2.3	105	0.00
14	T	Allyl chloride	50.000	51.709	-3.4	112	0.00
15	T	Acrylonitrile	250.000	273.831	-9.5	115	0.00
16	T	Acetone	250.000	272.597	-9.0	112	0.00
17	T	Carbon Disulfide	50.000	57.847	-15.7	119	0.00
18	T	Methyl Acetate	50.000	51.519	-3.0	113	0.00
19	T	Methyl tert-butyl Ether	50.000	52.325	-4.7	114	0.00
20	T	Methylene Chloride	50.000	49.306	1.4	112	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.466	-4.9	109	0.00
22	T	Diisopropyl ether	50.000	54.124	-8.2	116	0.00
23	T	Vinyl Acetate	250.000	278.264	-11.3	119	0.00
24	P	1,1-Dichloroethane	50.000	53.279	-6.6	118	0.00
25	T	2-Butanone	250.000	304.957	-22.0#	125	0.00
26	T	2,2-Dichloropropane	50.000	49.895	0.2	111	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.263	-4.5	115	0.00
28	T	Bromochloromethane	50.000	56.161	-12.3	119	0.00
29		Tetrahydrofuran	250.000	280.788	-12.3	122	0.00
30	C	Chloroform	50.000	49.001	2.0#	108	0.00
31	T	Cyclohexane	50.000	50.903	-1.8	122	0.00
32	T	1,1,1-Trichloroethane	50.000	50.989	-2.0	111	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.506	-1.0	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	110	0.00
35	S	Dibromofluoromethane	50.000	51.482	-3.0	108	0.00
36	T	1,1-Dichloropropene	50.000	51.533	-3.1	114	0.00
37	T	Ethyl Acetate	50.000	57.098	-14.2	120	0.00
38	T	Carbon Tetrachloride	50.000	50.726	-1.5	109	0.00
39	T	Methylcyclohexane	50.000	54.656	-9.3	113	0.00
40	TM	Benzene	50.000	53.041	-6.1	113	0.00
41	T	Methacrylonitrile	50.000	59.989	-20.0	116	0.00
42	TM	1,2-Dichloroethane	50.000	52.722	-5.4	114	0.00
43	T	Isopropyl Acetate	50.000	57.783	-15.6	119	0.00
44	TM	Trichloroethene	50.000	52.518	-5.0	115	0.00
45	C	1,2-Dichloropropane	50.000	54.507	-9.0#	111	0.00

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Instrument : MSVOA_D
ClientSampleId : ICVVD081518

Quant Time: Aug 15 17:43:16 2018
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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	53.646	-7.3	114	0.00
47	T	Bromodichloromethane	50.000	51.410	-2.8	110	0.00
48	T	Methyl methacrylate	50.000	59.867	-19.7	121	0.00
49	T	1,4-Dioxane	1000.000	1225.479	-22.5#	126	0.00
50	S	Toluene-d8	50.000	51.962	-3.9	110	0.00
51	T	4-Methyl-2-Pentanone	250.000	317.749	-27.1#	121	0.00
52	CM	Toluene	50.000	52.606	-5.2#	114	0.00
53	T	t-1,3-Dichloropropene	50.000	52.899	-5.8	114	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.408	-4.8	108	0.00
55	T	1,1,2-Trichloroethane	50.000	52.645	-5.3	115	0.00
56	T	Ethyl methacrylate	50.000	56.378	-12.8	116	0.00
57	T	1,3-Dichloropropane	50.000	53.035	-6.1	117	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	276.636	-10.7	124	0.00
59	T	2-Hexanone	250.000	317.057	-26.8#	123	0.00
60	T	Dibromochloromethane	50.000	53.879	-7.8	113	0.00
61	T	1,2-Dibromoethane	50.000	52.451	-4.9	113	0.00
62	S	4-Bromofluorobenzene	50.000	49.532	0.9	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64	T	Tetrachloroethene	50.000	52.298	-4.6	115	0.00
65	PM	Chlorobenzene	50.000	49.908	0.2	112	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.177	1.6	107	0.00
67	C	Ethyl Benzene	50.000	47.849	4.3#	108	0.00
68	T	m/p-Xylenes	100.000	102.423	-2.4	115	0.00
69	T	o-Xylene	50.000	50.544	-1.1	112	0.00
70	T	Styrene	50.000	47.547	4.9	104	0.00
71	P	Bromoform	50.000	55.212	-10.4	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	52.232	-4.5	113	0.00
74	T	N-amyl acetate	50.000	60.015	-20.0#	121	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.143	-6.3	113	0.00
76	T	1,2,3-Trichloropropane	50.000	55.122	-10.2	119	0.00
77	T	Bromobenzene	50.000	53.415	-6.8	111	0.00
78	T	n-propylbenzene	50.000	51.011	-2.0	112	0.00
79	T	2-Chlorotoluene	50.000	52.407	-4.8	112	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.580	-7.2	116	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.938	-15.9	118	0.00
82	T	4-Chlorotoluene	50.000	51.646	-3.3	113	0.00
83	T	tert-Butylbenzene	50.000	54.027	-8.1	119	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.070	-4.1	112	0.00
85	T	sec-Butylbenzene	50.000	51.786	-3.6	113	0.00
86	T	p-Isopropyltoluene	50.000	51.723	-3.4	114	0.00
87	T	1,3-Dichlorobenzene	50.000	51.006	-2.0	114	0.00
88	T	1,4-Dichlorobenzene	50.000	53.343	-6.7	115	0.00
89	T	n-Butylbenzene	50.000	50.090	-0.2	109	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	55.420	-10.8	114	0.00
91 T	1,2-Dichlorobenzene	50.000	49.405	1.2	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.451	-16.9	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.981	-8.0	109	0.00
94 T	Hexachlorobutadiene	50.000	52.761	-5.5	112	0.00
95 T	Naphthalene	50.000	54.408	-8.8	115	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.373	-6.7	114	0.00

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