Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
Data File : VD071719.D
Acq On : 13 Jan 2022 19:37
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 14 04:07:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
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	87	0.00
2	T	Dichlorodifluoromethane	50.000	47.852	4.3	87	0.00
3	P	Chloromethane	50.000	56.654	-13.3	102	0.00
4	C	Vinyl Chloride	50.000	53.791	-7.6#	104	-0.01
5	T	Bromomethane	50.000	52.332	-4.7	101	-0.01
6	T	Chloroethane	50.000	52.818	-5.6	103	0.00
7	T	Trichlorofluoromethane	50.000	47.538	4.9	94	-0.01
8	T	Diethyl Ether	50.000	54.541	-9.1	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.113	-0.2	96	-0.01
10	T	Methyl Iodide	50.000	40.558	18.9	70	-0.01
11	T	Tert butyl alcohol	250.000	399.825	-59.9#	130	0.00
12	CM	1,1-Dichloroethene	50.000	48.605	2.8#	93	-0.01
13	T	Acrolein	250.000	221.992	11.2	77	0.00
14	T	Allyl chloride	50.000	50.850	-1.7	99	-0.01
15	T	Acrylonitrile	250.000	300.054	-20.0	111	0.00
16	T	Acetone	250.000	321.124	-28.4#	116	0.00
17	T	Carbon Disulfide	50.000	46.680	6.6	86	-0.01
18	T	Methyl Acetate	50.000	71.577	-43.2#	131	0.00
19	T	Methyl tert-butyl Ether	50.000	57.783	-15.6	108	0.00
20	T	Methylene Chloride	50.000	53.419	-6.8	100	-0.01
21	T	trans-1,2-Dichloroethene	50.000	49.772	0.5	95	-0.01
22	T	Diisopropyl ether	50.000	55.083	-10.2	100	0.00
23	T	Vinyl Acetate	250.000	292.570	-17.0	103	0.00
24	P	1,1-Dichloroethane	50.000	50.967	-1.9	96	-0.02
25	T	2-Butanone	250.000	321.567	-28.6#	121	0.00
26	T	2,2-Dichloropropane	50.000	48.070	3.9	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.292	-4.6	96	0.00
28	T	Bromochloromethane	50.000	56.325	-12.7	100	0.00
29	T	Tetrahydrofuran	250.000	324.724	-29.9#	121	0.00
30	C	Chloroform	50.000	53.364	-6.7#	101	-0.01
31	T	Cyclohexane	50.000	48.809	2.4	91	-0.01
32	T	1,1,1-Trichloroethane	50.000	50.500	-1.0	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	59.038	-18.1	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	56.438	-12.9	97	0.00
36	T	1,1-Dichloropropene	50.000	49.784	0.4	94	0.00
37	T	Ethyl Acetate	50.000	58.910	-17.8	108	0.00
38	T	Carbon Tetrachloride	50.000	52.701	-5.4	98	0.00
39	T	Methylcyclohexane	50.000	49.587	0.8	91	0.00
40	TM	Benzene	50.000	52.011	-4.0	97	0.00
41	T	Methacrylonitrile	50.000	60.026	-20.1	128	0.00
42	TM	1,2-Dichloroethane	50.000	54.671	-9.3	102	0.00
43	T	Isopropyl Acetate	50.000	61.860	-23.7	114	0.00
44	TM	Trichloroethene	50.000	51.041	-2.1	96	0.00
45	C	1,2-Dichloropropane	50.000	54.826	-9.7#	101	0.00
46	T	Dibromomethane	50.000	58.481	-17.0	107	0.00
47	T	Bromodichloromethane	50.000	55.702	-11.4	102	0.00
48	T	Methyl methacrylate	50.000	63.142	-26.3#	126	0.00

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1435.990	-43.6#	127	0.00
50	S	Toluene-d8	50.000	57.087	-14.2	93	0.00
51	T	4-Methyl-2-Pentanone	250.000	335.751	-34.3#	121	0.00
52	CM	Toluene	50.000	53.447	-6.9#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	57.926	-15.9	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.292	-8.6	100	0.00
55	T	1,1,2-Trichloroethane	50.000	60.346	-20.7	109	0.00
56	T	Ethyl methacrylate	50.000	64.931	-29.9#	115	0.00
57	T	1,3-Dichloropropane	50.000	57.639	-15.3	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	318.220	-27.3#	114	0.00
59	T	2-Hexanone	250.000	355.702	-42.3#	127	0.00
60	T	Dibromochloromethane	50.000	58.924	-17.8	107	0.00
61	T	1,2-Dibromoethane	50.000	59.270	-18.5	109	0.00
62	S	4-Bromofluorobenzene	50.000	56.999	-14.0	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	50.506	-1.0	100	0.00
65	PM	Chlorobenzene	50.000	49.860	0.3	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.170	-2.3	104	0.00
67	C	Ethyl Benzene	50.000	50.811	-1.6#	97	0.00
68	T	m/p-Xylenes	100.000	103.863	-3.9	99	0.00
69	T	o-Xylene	50.000	51.878	-3.8	101	0.00
70	T	Styrene	50.000	53.593	-7.2	101	0.00
71	P	Bromoform	50.000	59.113	-18.2	114	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	48.230	3.5	98	0.00
74	T	N-amyl acetate	50.000	57.613	-15.2	117	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.528	-9.1	115	0.00
76	T	1,2,3-Trichloropropane	50.000	48.206	3.6	111	0.00
77	T	Bromobenzene	50.000	49.245	1.5	104	0.00
78	T	n-propylbenzene	50.000	48.688	2.6	99	0.00
79	T	2-Chlorotoluene	50.000	48.361	3.3	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.807	2.4	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.228	-16.5	123	0.00
82	T	4-Chlorotoluene	50.000	49.368	1.3	100	0.00
83	T	tert-Butylbenzene	50.000	48.572	2.9	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.130	1.7	99	0.00
85	T	sec-Butylbenzene	50.000	48.627	2.7	96	0.00
86	T	p-Isopropyltoluene	50.000	49.513	1.0	99	0.00
87	T	1,3-Dichlorobenzene	50.000	49.400	1.2	102	0.00
88	T	1,4-Dichlorobenzene	50.000	48.151	3.7	101	0.00
89	T	n-Butylbenzene	50.000	48.372	3.3	97	0.00
90	T	Hexachloroethane	50.000	49.209	1.6	103	0.00
91	T	1,2-Dichlorobenzene	50.000	51.158	-2.3	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.738	-19.5	130	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.998	-6.0	108	0.00
94	T	Hexachlorobutadiene	50.000	47.823	4.4	100	0.00
95	T	Naphthalene	50.000	58.837	-17.7	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.172	-8.3	111	0.00

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