Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
Data File : VD074343.D
Acq On : 19 Sep 2022 11:22
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Sep 19 23:00:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	44.023	12.0	90	0.00
3	P	Chloromethane	50.000	43.328	13.3	84	0.00
4	C	Vinyl Chloride	50.000	46.072	7.9#	86	0.00
5	T	Bromomethane	50.000	45.779	8.4	94	0.00
6	T	Chloroethane	50.000	46.914	6.2	89	0.00
7	T	Trichlorofluoromethane	50.000	48.783	2.4	93	0.00
8	T	Diethyl Ether	50.000	51.493	-3.0	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.649	0.7	98	0.00
10	T	Methyl Iodide	50.000	49.571	0.9	88	0.00
11	T	Tert butyl alcohol	250.000	251.316	-0.5	107	0.00
12	CM	1,1-Dichloroethene	50.000	49.022	2.0#	95	0.00
13	T	Acrolein	250.000	264.948	-6.0	111	0.00
14	T	Allyl chloride	50.000	53.986	-8.0	101	-0.01
15	T	Acrylonitrile	250.000	281.130	-12.5	106	0.00
16	T	Acetone	250.000	291.895	-16.8	115	0.00
17	T	Carbon Disulfide	50.000	42.509	15.0	80	0.00
18	T	Methyl Acetate	50.000	51.829	-3.7	102	0.00
19	T	Methyl tert-butyl Ether	50.000	55.572	-11.1	107	0.00
20	T	Methylene Chloride	50.000	52.138	-4.3	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.909	-1.8	97	0.00
22	T	Diisopropyl ether	50.000	55.696	-11.4	104	0.00
23	T	Vinyl Acetate	250.000	273.365	-9.3	108	0.00
24	P	1,1-Dichloroethane	50.000	52.373	-4.7	99	0.00
25	T	2-Butanone	250.000	270.620	-8.2	108	0.00
26	T	2,2-Dichloropropane	50.000	54.052	-8.1	108	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.452	-2.9	100	0.00
28	T	Bromochloromethane	50.000	54.172	-8.3	100	0.00
29	T	Tetrahydrofuran	250.000	282.624	-13.0	106	0.00
30	C	Chloroform	50.000	52.073	-4.1#	101	0.00
31	T	Cyclohexane	50.000	45.917	8.2	91	0.00
32	T	1,1,1-Trichloroethane	50.000	50.873	-1.7	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.429	-4.9	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	48.805	2.4	103	0.00
36	T	1,1-Dichloropropene	50.000	50.072	-0.1	96	0.00
37	T	Ethyl Acetate	50.000	53.714	-7.4	101	0.00
38	T	Carbon Tetrachloride	50.000	52.283	-4.6	98	0.00
39	T	Methylcyclohexane	50.000	48.883	2.2	93	0.00
40	TM	Benzene	50.000	51.380	-2.8	99	0.00
41	T	Methacrylonitrile	50.000	51.978	-4.0	97	0.00
42	TM	1,2-Dichloroethane	50.000	53.071	-6.1	103	0.00
43	T	Isopropyl Acetate	50.000	56.269	-12.5	107	0.00
44	TM	Trichloroethene	50.000	49.912	0.2	96	0.00
45	C	1,2-Dichloropropane	50.000	53.004	-6.0#	102	0.00
46	T	Dibromomethane	50.000	54.402	-8.8	102	0.00
47	T	Bromodichloromethane	50.000	54.105	-8.2	101	0.00
48	T	Methyl methacrylate	50.000	55.611	-11.2	103	0.00

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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)
49	T	1,4-Dioxane	1000.000	1190.224	-19.0	105	0.00
50	S	Toluene-d8	50.000	56.589	-13.2	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	283.546	-13.4	106	0.00
52	CM	Toluene	50.000	53.408	-6.8#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	58.952	-17.9	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.454	-10.9	104	0.00
55	T	1,1,2-Trichloroethane	50.000	54.249	-8.5	103	0.00
56	T	Ethyl methacrylate	50.000	55.660	-11.3	101	0.00
57	T	1,3-Dichloropropane	50.000	53.270	-6.5	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	271.100	-8.4	119	0.00
59	T	2-Hexanone	250.000	286.425	-14.6	109	0.00
60	T	Dibromochloromethane	50.000	53.174	-6.3	100	0.00
61	T	1,2-Dibromoethane	50.000	52.576	-5.2	99	0.00
62	S	4-Bromofluorobenzene	50.000	49.951	0.1	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	47.701	4.6	93	0.00
65	PM	Chlorobenzene	50.000	51.526	-3.1	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.940	-7.9	104	0.00
67	C	Ethyl Benzene	50.000	52.800	-5.6#	100	0.00
68	T	m/p-Xylenes	100.000	104.835	-4.8	101	0.00
69	T	o-Xylene	50.000	53.169	-6.3	99	0.00
70	T	Styrene	50.000	54.289	-8.6	102	0.00
71	P	Bromoform	50.000	51.356	-2.7	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	51.326	-2.7	101	0.00
74	T	N-amyl acetate	50.000	54.152	-8.3	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.442	-4.9	103	0.00
76	T	1,2,3-Trichloropropane	50.000	51.513	-3.0	106	0.00
77	T	Bromobenzene	50.000	51.335	-2.7	103	0.00
78	T	n-propylbenzene	50.000	51.775	-3.5	102	0.00
79	T	2-Chlorotoluene	50.000	51.252	-2.5	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.424	-2.8	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.738	-11.5	112	0.00
82	T	4-Chlorotoluene	50.000	51.292	-2.6	101	0.00
83	T	tert-Butylbenzene	50.000	50.270	-0.5	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.714	-1.4	100	0.00
85	T	sec-Butylbenzene	50.000	51.296	-2.6	99	0.00
86	T	p-Isopropyltoluene	50.000	50.769	-1.5	100	0.00
87	T	1,3-Dichlorobenzene	50.000	50.193	-0.4	100	0.00
88	T	1,4-Dichlorobenzene	50.000	50.438	-0.9	103	0.00
89	T	n-Butylbenzene	50.000	51.369	-2.7	100	0.00
90	T	Hexachloroethane	50.000	50.173	-0.3	102	0.00
91	T	1,2-Dichlorobenzene	50.000	50.048	-0.1	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.372	-2.7	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.462	1.1	100	0.00
94	T	Hexachlorobutadiene	50.000	50.011	-0.0	97	0.00
95	T	Naphthalene	50.000	52.945	-5.9	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.618	-3.2	104	0.00

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