Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
Data File : VD073227.D
Acq On : 21 May 2022 13:31
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: May 22 01:31:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	43.392	13.2	95	0.00
3	P	Chloromethane	50.000	41.116	17.8	91	0.00
4	C	Vinyl Chloride	50.000	43.533	12.9#	90	0.00
5	T	Bromomethane	50.000	48.445	3.1	92	0.00
6	T	Chloroethane	50.000	45.199	9.6	93	0.00
7	T	Trichlorofluoromethane	50.000	47.628	4.7	98	0.00
8	T	Diethyl Ether	50.000	48.357	3.3	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.462	3.1	101	0.00
10	T	Methyl Iodide	50.000	45.641	8.7	89	0.00
11	T	Tert butyl alcohol	250.000	102.236	59.1#	76	0.01
12	CM	1,1-Dichloroethene	50.000	48.311	3.4#	97	0.00
13	T	Acrolein	250.000	258.628	-3.5	103	0.00
14	T	Allyl chloride	50.000	47.036	5.9	94	0.00
15	T	Acrylonitrile	250.000	243.910	2.4	97	0.00
16	T	Acetone	250.000	265.947	-6.4	119	0.00
17	T	Carbon Disulfide	50.000	43.690	12.6	90	0.00
18	T	Methyl Acetate	50.000	46.624	6.8	97	0.00
19	T	Methyl tert-butyl Ether	50.000	49.501	1.0	97	0.00
20	T	Methylene Chloride	50.000	47.913	4.2	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.325	5.3	95	0.00
22	T	Diisopropyl ether	50.000	49.666	0.7	95	0.00
23	T	Vinyl Acetate	250.000	246.647	1.3	95	0.00
24	P	1,1-Dichloroethane	50.000	46.822	6.4	96	0.00
25	T	2-Butanone	250.000	249.025	0.4	102	0.00
26	T	2,2-Dichloropropane	50.000	47.833	4.3	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.518	3.0	96	0.00
28	T	Bromochloromethane	50.000	52.974	-5.9	104	0.00
29	T	Tetrahydrofuran	250.000	241.334	3.5	96	0.00
30	C	Chloroform	50.000	48.142	3.7#	98	0.00
31	T	Cyclohexane	50.000	46.412	7.2	96	0.00
32	T	1,1,1-Trichloroethane	50.000	48.528	2.9	99	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.642	-1.3	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	53.684	-7.4	102	0.00
36	T	1,1-Dichloropropene	50.000	50.164	-0.3	98	0.00
37	T	Ethyl Acetate	50.000	48.044	3.9	96	0.00
38	T	Carbon Tetrachloride	50.000	51.096	-2.2	98	0.00
39	T	Methylcyclohexane	50.000	51.679	-3.4	97	0.00
40	TM	Benzene	50.000	49.842	0.3	98	0.00
41	T	Methacrylonitrile	50.000	48.483	3.0	109	0.00
42	TM	1,2-Dichloroethane	50.000	50.266	-0.5	99	0.00
43	T	Isopropyl Acetate	50.000	50.811	-1.6	98	0.00
44	TM	Trichloroethene	50.000	50.156	-0.3	98	0.00
45	C	1,2-Dichloropropane	50.000	50.606	-1.2#	99	0.00
46	T	Dibromomethane	50.000	48.384	3.2	95	0.00
47	T	Bromodichloromethane	50.000	49.603	0.8	98	0.00
48	T	Methyl methacrylate	50.000	50.777	-1.6	97	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	1073.346	-7.3	105	0.00
50	S	Toluene-d8	50.000	54.434	-8.9	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.514	-1.8	97	0.00
52	CM	Toluene	50.000	51.944	-3.9#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	50.972	-1.9	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.118	-0.2	97	0.00
55	T	1,1,2-Trichloroethane	50.000	50.321	-0.6	99	0.00
56	T	Ethyl methacrylate	50.000	53.657	-7.3	96	0.00
57	T	1,3-Dichloropropane	50.000	50.012	-0.0	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	258.034	-3.2	106	0.00
59	T	2-Hexanone	250.000	273.246	-9.3	103	0.00
60	T	Dibromochloromethane	50.000	51.349	-2.7	101	0.00
61	T	1,2-Dibromoethane	50.000	50.258	-0.5	99	0.00
62	S	4-Bromofluorobenzene	50.000	54.670	-9.3	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	48.436	3.1	98	0.00
65	PM	Chlorobenzene	50.000	48.926	2.1	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.273	-0.5	100	0.00
67	C	Ethyl Benzene	50.000	51.405	-2.8#	99	0.00
68	T	m/p-Xylenes	100.000	103.740	-3.7	98	0.00
69	T	o-Xylene	50.000	51.737	-3.5	99	0.00
70	T	Styrene	50.000	53.077	-6.2	100	0.00
71	P	Bromoform	50.000	50.496	-1.0	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	52.731	-5.5	100	0.00
74	T	N-amyl acetate	50.000	51.072	-2.1	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.855	0.3	101	0.00
76	T	1,2,3-Trichloropropane	50.000	47.820	4.4	96	0.00
77	T	Bromobenzene	50.000	49.986	0.0	100	0.00
78	T	n-propylbenzene	50.000	52.772	-5.5	100	0.00
79	T	2-Chlorotoluene	50.000	51.387	-2.8	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.067	-6.1	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.424	-0.8	98	0.00
82	T	4-Chlorotoluene	50.000	51.647	-3.3	100	0.00
83	T	tert-Butylbenzene	50.000	54.536	-9.1	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.187	-6.4	103	0.00
85	T	sec-Butylbenzene	50.000	53.597	-7.2	103	0.00
86	T	p-Isopropyltoluene	50.000	54.405	-8.8	104	0.00
87	T	1,3-Dichlorobenzene	50.000	51.140	-2.3	102	0.00
88	T	1,4-Dichlorobenzene	50.000	49.541	0.9	101	0.00
89	T	n-Butylbenzene	50.000	54.176	-8.4	102	0.00
90	T	Hexachloroethane	50.000	50.686	-1.4	102	0.00
91	T	1,2-Dichlorobenzene	50.000	50.930	-1.9	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.054	-0.1	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.977	-6.0	102	0.00
94	T	Hexachlorobutadiene	50.000	51.180	-2.4	106	0.00
95	T	Naphthalene	50.000	47.851	4.3	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.086	-4.2	101	0.00

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