Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
Data File : VD073068.D
Acq On : 17 May 2022 20:33
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 18 05:11:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 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	111	0.00
2	T	Dichlorodifluoromethane	50.000	36.324	27.4#	98	0.00
3	P	Chloromethane	50.000	38.479	23.0	97	0.00
4	C	Vinyl Chloride	50.000	39.200	21.6#	96	0.00
5	T	Bromomethane	50.000	38.836	22.3	96	-0.01
6	T	Chloroethane	50.000	41.167	17.7	102	0.00
7	T	Trichlorofluoromethane	50.000	40.582	18.8	101	0.00
8	T	Diethyl Ether	50.000	44.297	11.4	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	40.409	19.2	101	0.00
10	T	Methyl Iodide	50.000	40.530	18.9	102	0.00
11	T	Tert butyl alcohol	250.000	140.488	43.8#	104	0.01
12	CM	1,1-Dichloroethene	50.000	43.142	13.7#	105	0.00
13	T	Acrolein	250.000	191.872	23.3	93	0.00
14	T	Allyl chloride	50.000	44.503	11.0	105	0.00
15	T	Acrylonitrile	250.000	223.243	10.7	99	0.00
16	T	Acetone	250.000	201.947	19.2	95	0.00
17	T	Carbon Disulfide	50.000	41.993	16.0	102	0.00
18	T	Methyl Acetate	50.000	43.386	13.2	108	0.00
19	T	Methyl tert-butyl Ether	50.000	47.184	5.6	106	0.00
20	T	Methylene Chloride	50.000	41.077	17.8	108	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.526	10.9	104	0.00
22	T	Diisopropyl ether	50.000	46.668	6.7	104	0.00
23	T	Vinyl Acetate	250.000	238.350	4.7	103	0.00
24	P	1,1-Dichloroethane	50.000	44.095	11.8	104	0.00
25	T	2-Butanone	250.000	226.628	9.3	105	0.00
26	T	2,2-Dichloropropane	50.000	41.319	17.4	99	0.00
27	T	cis-1,2-Dichloroethene	50.000	44.499	11.0	103	0.00
28	T	Bromochloromethane	50.000	47.655	4.7	110	0.00
29	T	Tetrahydrofuran	250.000	242.135	3.1	105	0.00
30	C	Chloroform	50.000	43.439	13.1#	103	0.00
31	T	Cyclohexane	50.000	40.786	18.4	101	0.00
32	T	1,1,1-Trichloroethane	50.000	42.707	14.6	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.244	7.5	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	112	0.00
35	S	Dibromofluoromethane	50.000	49.181	1.6	109	0.00
36	T	1,1-Dichloropropene	50.000	43.412	13.2	104	0.00
37	T	Ethyl Acetate	50.000	47.335	5.3	107	0.00
38	T	Carbon Tetrachloride	50.000	43.372	13.3	103	0.00
39	T	Methylcyclohexane	50.000	42.146	15.7	99	0.00
40	TM	Benzene	50.000	44.702	10.6	104	0.00
41	T	Methacrylonitrile	50.000	41.801	16.4	91	0.01
42	TM	1,2-Dichloroethane	50.000	44.038	11.9	102	0.00
43	T	Isopropyl Acetate	50.000	47.030	5.9	107	0.00
44	TM	Trichloroethene	50.000	43.374	13.3	105	0.00
45	C	1,2-Dichloropropane	50.000	43.663	12.7#	102	0.00
46	T	Dibromomethane	50.000	45.301	9.4	106	0.00
47	T	Bromodichloromethane	50.000	45.032	9.9	105	0.00
48	T	Methyl methacrylate	50.000	48.596	2.8	104	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	968.404	3.2	106	0.00
50	S	Toluene-d8	50.000	50.250	-0.5	108	0.00
51	T	4-Methyl-2-Pentanone	250.000	238.624	4.6	105	0.00
52	CM	Toluene	50.000	45.533	8.9#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	44.591	10.8	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	44.013	12.0	101	0.00
55	T	1,1,2-Trichloroethane	50.000	44.489	11.0	103	0.00
56	T	Ethyl methacrylate	50.000	49.450	1.1	106	0.00
57	T	1,3-Dichloropropane	50.000	44.777	10.4	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	204.460	18.2	98	0.00
59	T	2-Hexanone	250.000	246.800	1.3	107	0.00
60	T	Dibromochloromethane	50.000	44.824	10.4	104	0.00
61	T	1,2-Dibromoethane	50.000	45.052	9.9	106	0.00
62	S	4-Bromofluorobenzene	50.000	49.689	0.6	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64	T	Tetrachloroethene	50.000	43.646	12.7	103	0.00
65	PM	Chlorobenzene	50.000	45.336	9.3	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.519	11.0	105	0.00
67	C	Ethyl Benzene	50.000	46.966	6.1#	104	0.00
68	T	m/p-Xylenes	100.000	95.438	4.6	106	0.00
69	T	o-Xylene	50.000	47.550	4.9	105	0.00
70	T	Styrene	50.000	48.279	3.4	104	0.00
71	P	Bromoform	50.000	47.405	5.2	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	112	0.00
73	T	Isopropylbenzene	50.000	47.813	4.4	106	0.00
74	T	N-amyl acetate	50.000	49.797	0.4	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.132	5.7	106	0.00
76	T	1,2,3-Trichloropropane	50.000	51.599	-3.2	119	0.00
77	T	Bromobenzene	50.000	46.345	7.3	104	0.00
78	T	n-propylbenzene	50.000	47.326	5.3	105	0.00
79	T	2-Chlorotoluene	50.000	46.615	6.8	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.959	4.1	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.462	9.1	99	0.00
82	T	4-Chlorotoluene	50.000	46.606	6.8	105	0.00
83	T	tert-Butylbenzene	50.000	45.102	9.8	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.933	4.1	105	0.00
85	T	sec-Butylbenzene	50.000	46.689	6.6	105	0.00
86	T	p-Isopropyltoluene	50.000	47.238	5.5	104	0.00
87	T	1,3-Dichlorobenzene	50.000	45.423	9.2	103	0.00
88	T	1,4-Dichlorobenzene	50.000	44.930	10.1	103	0.00
89	T	n-Butylbenzene	50.000	46.443	7.1	103	0.00
90	T	Hexachloroethane	50.000	45.387	9.2	106	0.00
91	T	1,2-Dichlorobenzene	50.000	45.419	9.2	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.764	8.5	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.346	5.3	104	0.00
94	T	Hexachlorobutadiene	50.000	43.014	14.0	101	0.00
95	T	Naphthalene	50.000	43.653	12.7	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.478	5.0	105	0.00

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